



ZIBULO COLLIERY: UNDERGROUND

ANNUAL EXTERNAL ENVIRONMENTAL PERFORMANCE ASSESSMENT REPORT (2024 – 2025)

Undertaken in accordance with Section 34 and Appendix 7 of the Environmental Impact Assessment Regulations (GN S82 of 04 December 2014), as amended, Section 24(7)(d) of the National Environmental Management Act (Act 107 of 1998) and Section 55 of the Mineral Resources and Petroleum Development Act (Act 28 of 2002), as amended.

24 – 26 June 2025

DMRE REFERENCES:

17/2/2/2 NK-7 (08 March 2010)

MP 30/5/1/2/3/2/1 (305) EM (17 June 2010)

(MP) 30/5/1/2/3/2/1/(305) EM (26 July 2022)

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RELATED DOCUMENTS

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0.1	Environmental Authorisation for the Zondagsfontein Coal Mine Project (DARDLEA Ref. 17/2/2/2 NK-7) issued to Anglo Inyosi Coal for the proposed Zondagsfontein Coal Mine Project at Zondagsfontein Coal Mine (Zibulo), Ogies, Mpumalanga.	08.03.2010
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0.4	Environmental Authorisation (DMRE Ref. (MP) 30/5/1/2/3/2/1/(305) EM) issued to Zibulo North Shaft Project in terms of the National Environmental Management Act (Act 107 Of 1998), as amended, read with the Environmental Impact Assessment Regulations (2014), as amended, regarding an Amendment Application in respect of the Farm Strathfontein 252 IR, Farm Smithfield 44 IS, Farm Leeufontein 219 IR, and Strathfontein 252 IR within the Magisterial District of Witbank: Mpumalanga Region.	29.03.2023
0.5	Environmental Management Programme (DMRE Ref. (MP) 30/5/1/2/3/2/1/ (305) MR) for Thungela Zibulo North Shaft Project.	06.2022

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1. INTRODUCTION

Thungela Resources (Pty) Ltd (hereafter, Thungela) is a South African based thermal coal producer and exports coal mainly to Indian, Asian, SEA, Middle East and North African markets. Thungela owns interests in and produces thermal coal at eight mining operations. Opencast mining operations are undertaken at the Isibonelo, Khwezela, Zibulo and Mafube mining operations and underground mining operations are undertaken at the Zibulo, Greenside, Goedehoop and Elders (currently in construction) mining operations.

Thungela appointed NTC Group (Pty) Ltd as an independent environmental practitioner to undertake annual external environmental performance assessments in accordance with Section 34 and Appendix 7 of the Environmental Impact Assessment (EIA) Regulations (GN 982 of 04 December 2014), as amended, Section 24(7)(d) of the National Environmental Management Act (NEMA) (Act 107 of 1998) and Section 55 of the Mineral Resources and Petroleum Development (MPRD) Act (Act 28 of 2002), to verify the level of compliance with conditions of the Environmental Authorisations (EAs) and Environmental Management Programme (EMPr) issued to its operations.

This report forms part of the annual external environmental performance assessments conducted at Zibulo Colliery (2024 – 2025). The objective was to verify Zibulo Colliery's compliance with conditions of the EAs and EMPrs that remained valid for the annual assessment period (2024 – 2025) and the effectiveness of mitigation measures implemented to manage environmental impacts associated with their authorised activities.

1.1. ZIBULO COLLIERY

Zibulo Colliery is a thermal coal mine comprised of the Zibulo Colliery: Underground, Zibulo Colliery: Opencast and Zibulo Colliery: North Shaft and is located in the north-western margin of South Africa's Witbank Coalfield, in the eMalahleni Local Municipality and Nkangala District Municipality of Mpumalanga (refer to Figure 1). Construction of Zibulo Colliery began in 2008, and mining operations commenced in 2012 in accordance with the Mining Rights issued by the DMRE in terms of the MPRD Act (Act 28 of 2002) for Zibulo Colliery: Underground (30/5/1/2/2/305 MR) and Zibulo Colliery: Opencast (MP 30/5/1/2/2/338 MR).

Zibulo Colliery: Underground currently mines coal from eight sections of the No. 2 Coal Seam by bord and pillar methods and Zibulo Colliery: Opencast extracts coal from the No. 2 and No. 4 Coal Seam using a dragline and truck and shovel methods. The final primary coal product is railed to the Richard's Bay Coal Terminal for export and a portion of the secondary coal product (middling) is sold in the domestic market. The planned Life-of- Mine (LoM) for Zibulo Colliery: Opencast is until 2026, Zibulo Colliery: Underground until 2031 and Zibulo Colliery: North Shaft extended the LoM until 2038.

Zibulo Colliery was previously owned by Anglo American Thermal Coal (Pty) Ltd (AATC), however, following the demerger and transfer of AATC on 04 June 2021, Thungela acquired a 73% interest in Zibulo Colliery and the remaining 27% was attained in November 2022 from Anglo American Inyosi Coal (Pty) Ltd.

1.1.1. Zibulo Colliery: Underground

Zibulo Colliery: Underground is an operational underground coal mine in the Witbank - Ogies Coalfields located southwest of Ogies on several portions of the Farms Leeuwfontein 219 IR, Zondagsfontein 253 IR, Straffontein 252 IR, Cologne 34 IS, Smithfield 44 is, Welgelegen 221 IR and Vlakvarkfontein 213 IR in eMalahleni Local Municipality and Nkangala District Municipality of Mpumalanga (refer to Figure 2).

Mining is undertaken from eight sections the No. 2 Coal Seam under the Mining Right (30/5/1/2/2/305 MR) granted by the DMRE on 06 October 2010, which authorises underground mining over a total area of 7000 Ha in the central portions of the Witbank - Oogies Coalfields. Zibulo Colliery: Underground produces seven million run of mine tonnes of coal per annum and the coal reserves are expected to last until 2042.

Zibulo Colliery: Underground extracts coal by the bord and pillar mining method and using continuous mining equipment at approximately 80 m - 130 m below the surface. The Run of Mine (ROM) is removed from underground by an incline shaft and placed in a concreted and roofed 6000-ton silo. From here the ROM is crushed and then transferred by a 16 km Overland Conveyor to the Phola Plant for washing.

The main activities and facilities at Zibulo Colliery: Underground include:

- Underground coal removal from the No. 2 Coal Seam
- ROM Silo
- Incline Shaft and Vertical Man and Material Shaft
- Coal crusher
- Overland Coal Conveyors
- Two Pollution Control Dams (7.5 ML and 20 ML)
- Sewage Treatment Plant
- Clean and dirty stormwater channels
- Access Roads
- Office complex
- Workshops
- Security entrance gate
- Buried water pipelines.

Zibulo Colliery: Underground's EMPr (Ref. (MP) 30/5/1/2/3/2/1 (305) EM) is authorised in the Mining Right (30/5/1/2/2/305 MR) issued by DMRE on 06 October 2010, in terms of MPRD Act (Act 28 of 2002) (MPRDA). Additionally, an EA (Ref. 17/2/2/2 NK-7) was granted on 30 April 2010 in terms of the (now repealed) EIA Regulations (GN R. 385 of 21 April 2006) under NEMA (Act 107 of 1998) by the then, Mpumalanga Department of Economic Development Environment and Tourism (now, Department of Agriculture, Rural Development, Land and Environment Affairs). The EA (Ref. 17/2/2/2 NK-7) authorised the development of mining activities, structures and infrastructure over a total area of 20 Ha on Portions 12, 19, 39, 40 and 41 of the Farm Oogiesfontein 4 IS in Mpumalanga.

Operation of Zibulo Colliery: Underground commenced in 2012 reaching full production in 2015 at a rate of 17 million tons/ annum. Decommissioning, Closure and Post-Closure has not yet commenced, although concurrent rehabilitation of mined out area is on-going as mining progresses.

This report presents the external environmental performance assessment report compiled by NTC Group (Pty) Ltd for Zibulo Colliery: Underground (2024 – 2025). The objective was to verify Zibulo Colliery: Underground's level of compliance with conditions of the EAs and EMPs that remained valid for the annual period (August 2024 – August 2025), and to determine the effectiveness of mitigation measures implemented to the manage environmental impacts associated with the authorised activities.

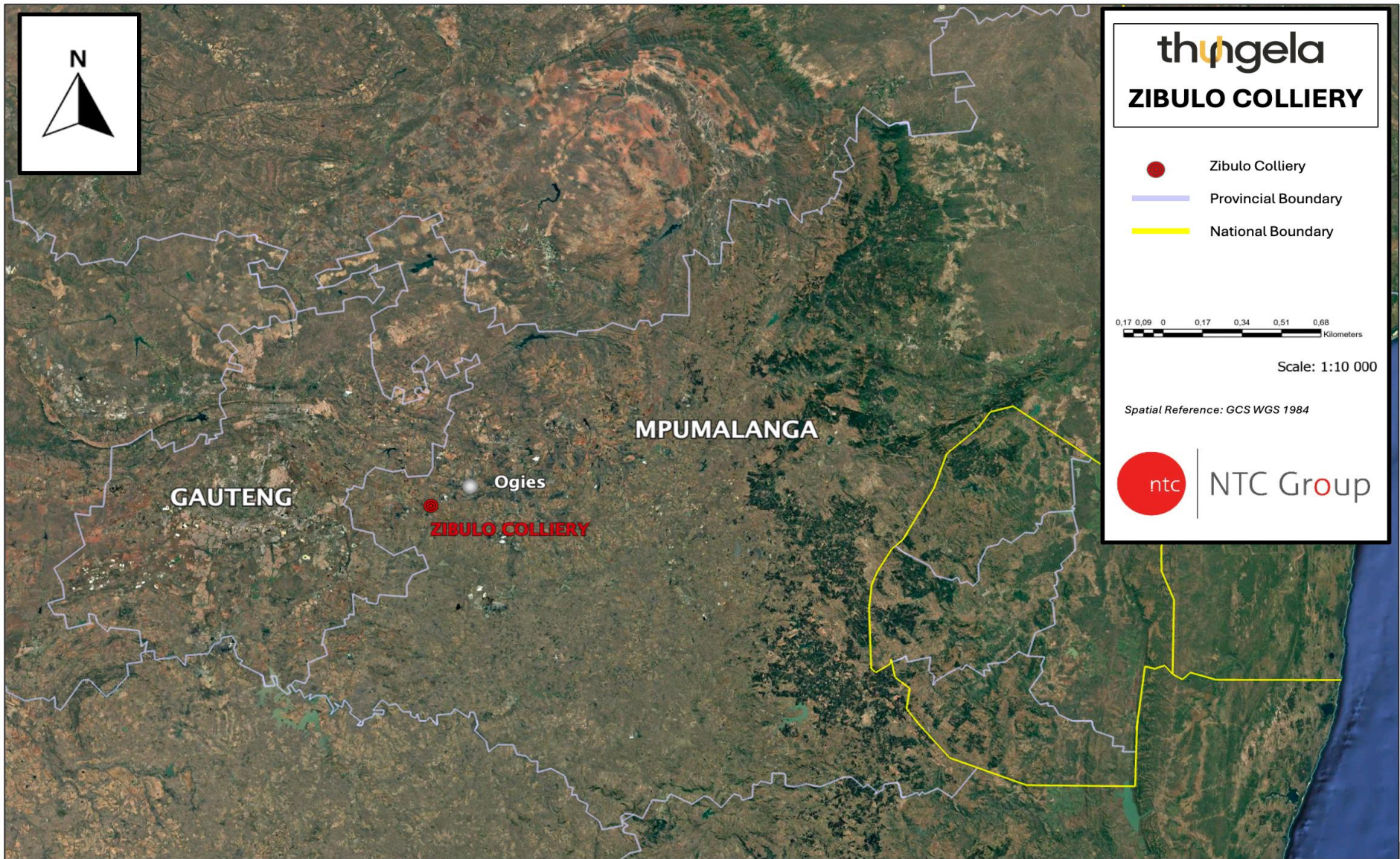


Figure 1: Zibulo Colliery Locality Map

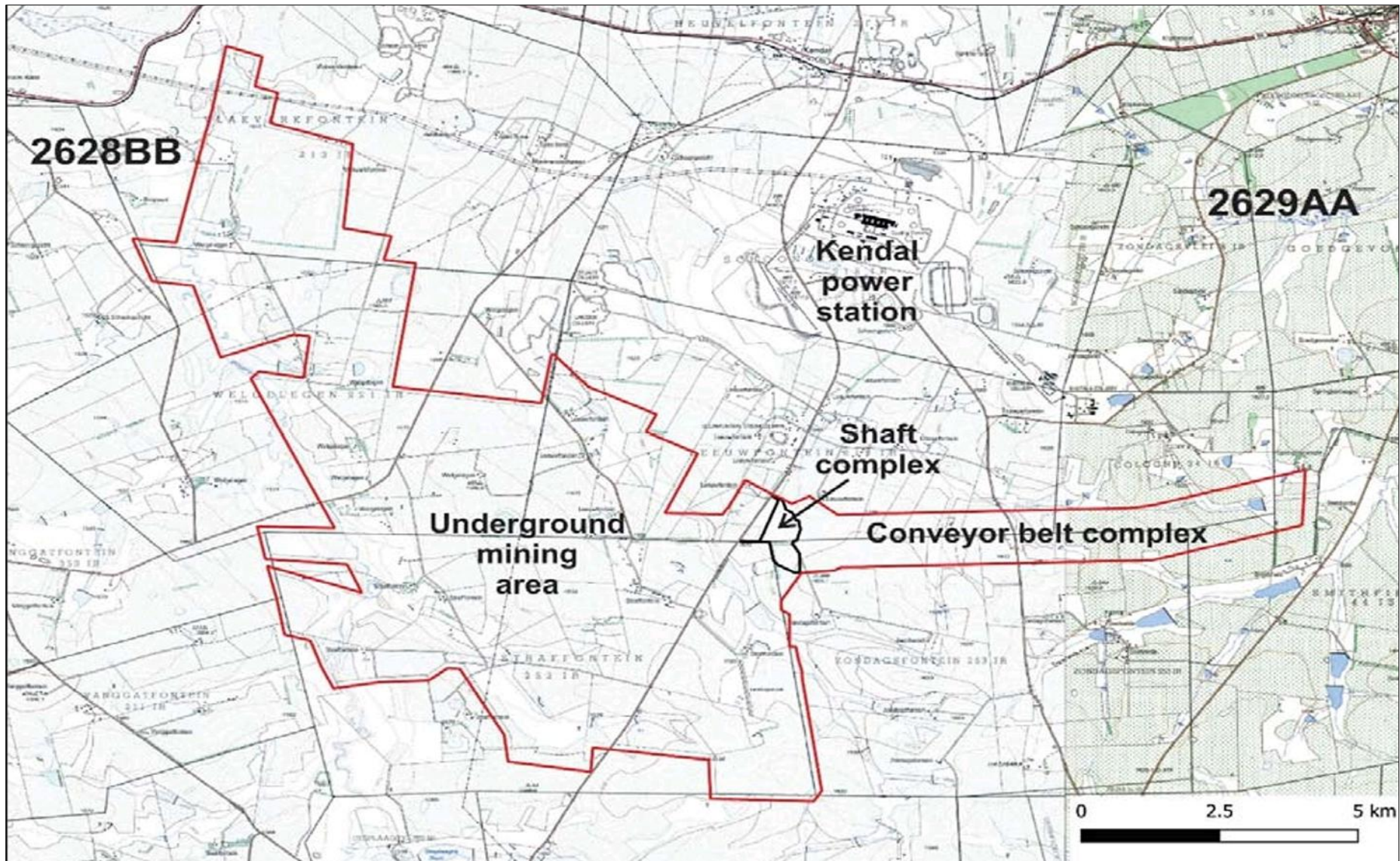


Figure 2: Zibulo Colliery: Underground Site Layout Map

2. TERMS OF REFERENCE FOR THE PERFORMANCE ASSESSMENT

2.1. MINERAL PETROLEUM RESOURCES DEVELOPMENT ACT (ACT 28 OF 2002)

The performance assessment was undertaken in accordance with Section 55 of the MPRD Act (Act 28 of 2002). Section 55 (1) mandates the undertaking of performance assessments of the appropriateness and adequacy of EMPrs and compiling a PAR which must be submitted to the DMRE. Section 55 (2) states that the frequency for conducting performance assessments must be (i) as stipulated in the EMPr or, (ii) every two years or (iii) as agreed to in writing by the DMRE. Regulation 55(4) requires the performance assessment be conducted by an independent, competent person(s).

The MPRD Amendment Act (Act 49 of 2008) repealed Sections 39 – 42 of the MPRD Act (Act 28 of 2002) and inserted Section 38A to make the DMRE the responsible authority for implementing and approving environmental provisions for mining and related activities in accordance with the NEMA (Act 107 of 1998). The insertion of Section 38B provided that EMPrs approved under the MPRD Act (Act 28 of 2002) before or at the time of the coming into effect of the NEMA (Act 107 of 1998) are deemed to be approved and with an environmental authorisation having been issued.

2.2. ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS (GN R982 OF 04 DECEMBER 2014)

The EIA Regulations (GN R982 of 2014), as amended, published in terms of the NEMA (Act 107 of 1998), regulate the process for preparing, evaluating, and submitting applications for EAs. Section 34 of the EIA Regulations (GN R982 of 2014), as amended, provides the requirements for auditing the compliance with EAs, EMPrs and Closure Plans. Section 34 (1) and (2) requires the holder of an EA to appoint an independent person to conduct an audit of all valid EAs and EMPrs at the intervals specified in the EA and submit an audit report to the Competent Authority.

The audit report must include the information in Appendix 7 and as per Section 34 (3) must contain verifiable audit findings which are presented in a structured approach to indicate the level of compliance with the EAs and EMPrs and the effectiveness of the mitigation measures in the EMPr to manage environmental impacts associated with the authorised activities. In terms of Section 34 (4), if there is insufficient compliance with the conditions of the EA or EMPr, or if mitigation measures in the EMPr for managing environmental impacts are deemed to be inadequate, the audit report must provide recommendations to amend the EMPr to rectify the shortcomings.

Section 34 (5) states that such recommendations must be subjected to a Public Participation Process and Section 34 (6) that ICAPS must be notified on a public website within 7 days of submitting the report to the Competent Authority.

2.3. ZIBULO COLLIERY: UNDERGROUND ENVIRONMENTAL AUTHORISATION

The EAs issued by the DMRE to Zibulo Colliery: Underground that remained valid for the annual assessment period (August 2024 – July 2025) were assessed in accordance with Section 34 of the EIA Regulations (GN R982 of 2014), as amended:

- i. Environmental Authorisation for the Zondagsfontein Coal Mine Project (DARDLEA Ref. 17/2/2/2 NK-7) issued to Anglo Inyosi Coal for the proposed Zondagsfontein Coal Mine Project at Zondagsfontein Coal Mine (Zibulo), Ogies, Mpumalanga.
- ii. Environmental Authorisation issued in terms of the National Environmental Management Act, 1998 (NEMA) as amended, the Environmental Impact Assessment (EIA) Regulation, 2014 for the Environmental Management Programme in relation to the construction of Uncast Ventilation Shaft, Downcast Ventilation Shaft, four fan units, MCC Building, Transformer Bays, Electrical skids, Electrical infrastructure and cable support, remaining platform area, contractors yard, gravel access road (Existing to be upgraded) storm water berms and electrical powerline, situated within the magisterial district of Ogies: Mpumalanga Region; dated 26 July 2022 with DMRE reference no. (MP) 30/5/1/2/3/2/1/(305)EM.
- iii. Environmental Authorisation (Ref. (MP) 30/5/1/2/3/2/1 (305) EM) dated 29 March 2023 issued to Zibulo Colliery: North Shaft in terms of the National Environmental Management Act (Act 107 Of 1998), as amended, read with the Environmental Impact Assessment Regulations (2014), as amended, regarding an Amendment Application in respect of the Farm Strathfontein 252 IR, Farm Smithfield 44 IS, Farm Leeufontein 219 IR, and Strathfontein 252 IR within the Magisterial District of Witbank: Mpumalanga Region.

2.4. ZIBULO COLLIERY: UNDERGROUND ENVIRONMENTAL MANAGEMENT PROGRAMME

The Environmental Management Program for Zibulo Colliery: Underground that remained valid for the annual period (August 2024 – July 2025) and was assessed in accordance with Section 34 of the EIA Regulations (GN R982 of 2014), as amended:

- i. Environmental Management Programme (March 2008) for Anglo Inyosi Coal (Pty) Ltd in respect of the Farm Zondagsfontein 253 IR and others, situated in the Magisterial Districts of Witbank and Delmas, Mpumalanga Regions approved by the Department of Mineral Resources on 17 June 2010 (DMRE Reference: (MP) 30/5/1/2/3/2/1 (305) EM).
- ii. Environmental Management Programme (June 2022) for Zibulo Colliery: North Shaft Project approved in the EA (MP 30/5/1/2/3/2/1/305 EM dated 29 March 2023).

2.5. ASSUMPTIONS AND LIMITATIONS

The objective of the annual external environmental performance assessment was to determine

Zibulo Colliery: Underground's level of compliance with the conditions of the EA and EMPr that remained valid for the audit period (August 2024 – July 2025) and the effectiveness of the mitigation measures provided in the EMPr in managing environmental impacts associated with the authorised activities. The following assumptions and/ or limitations are applicable:

- The external environmental performance assessment is a snap-shot representation of the current activities at Zibulo Colliery: Underground.
- The annual assessment period is from August 2024 to July 2025. Conditions which refer to activities occurring prior to this period are assumed to have been previously assessed and may be deemed as being "Not Applicable".
- Zibulo Colliery: Underground is currently operational. Conditions which refer to activities in the construction, decommissioning or closure phase may be deemed as being "Not Applicable".
- Due to the nature and extent of Zibulo Colliery: Underground's current activities, not all areas were visited during the site inspection.
- Zibulo Colliery: Underground representatives may be called upon to provide information relating to specific activities within their respective areas.
- Procedures/ policies and plans developed by Zibulo Colliery: Underground specifically, are deemed to be appropriately implemented on site, as part of the Environmental Management System.
- Conditions which refer to outdated/ repealed legislation or referenced guideline documents will be substituted for with the current/ relevant legislation or referenced guideline documents as applicable.

3. PERFORMANCE ASSESSMENT DETAILS

3.1. ASSESSMENT TEAM

NTC Group (Pty) Ltd was established in 2005 and is 100% female, black owned with a Level 1 Broad Based Black Economic Empowerment Rating. We undertake our services with professional integrity and have built good reputations with stakeholders in the environmental management field, including regulatory authorities and government departments. We undertake our services in accordance the requirements of South African legislation, as well as acceptable international best practices.

The details of the team that participated in the performance assessment at Zibulo Colliery: Underground are provided in Table 1. The declaration of the auditor's independence is attached in Appendix A and the Curriculum Vitae for the auditors are attached in Appendix B.

Table 1: Details of the Assessment Team

ROLE	RESPONSIBLE PERSON	CONTACT DETAILS
LEAD AUDITOR	Teboho Motinyane holds an MSc in Environmental Science and has over 20 years of experience as an Environmental Manager in the coal mining sector. He is a member of the South African Council for Natural Scientific Professions and is a certified ISO 14001 EMS auditor. Throughout his career, Teboho has successfully led and managed a wide range of environmental and land management projects in the coal mining sector. Teboho was responsible for conducting the site inspection and reviewing the audit report.	Tel: +27 11 462 2022
		Email: teboho@ntcgroup.co.za
LEAD AUDITOR	Raisibe Mabiza (Pr.Sci.Nat) is an Environmental Scientist contracted to NTC Group (Pty) Ltd. She has over 10 years' experience in the Environmental field inclusive of experience in the mining sector. Raisibe was responsible for conducting the site inspection, compiling the audit report and reviewing the supporting documentation.	Tel: +27 11 462 2022
		Email: raisibe@ntcgroup.co.za
AUDITOR	Asanda Shobede holds a BSS in Geography and Environmental Management. She is a proactive and detail-oriented young professional with two years of experience in administration, demonstrating strong organizational and communication skills. Adept at managing office operations, coordinating schedules, and supporting team projects to ensure seamless workflow. Asanda was responsible for conducting the site inspection.	Tel: +27 11 462 2022
		Email: asanda@ntcgroup.co.za

3.2. METHODOLOGY

3.2.1. Document Review

NTC Group (Pty) Ltd reviewed the conditions of the EA (see 2.3.) and EMPr (see 2.4.) issued to Zibulo Colliery: Underground and compiled a Request for Information (RFI) document which listed the documents and records required from Zibulo Colliery: Underground to verify compliance with the conditions of the EA and EMPr. The RFI was submitted to Zibulo Colliery: Underground

and the requested information was availed to the auditors via Thungela’s online share point platform (Microsoft Box). The list of documents reviewed during the performance assessment are provided in Section 8. References.

A checklist was created verbatim of the conditions of the EA and EMPr issued to Zibulo Colliery: Underground and was used to assess the level compliance. The numbering of conditions in the checklists correspond with the conditions of the EA and EMPr to allow for ease of reference.

3.2.2. Site Assessment

A site assessment was conducted on 24 – 26 June 2025 and was attended by Teboho Motinyane (NTC), Raisibe Mabiza (NTC), Asanda Shobede (NTC), Kenneth Mokoena (Zibulo Colliery) and Caroline Pepermans (Pinsent Masons). During the site inspection, Zibulo Colliery: Underground personnel were interviewed and facilities/ construction areas were inspected.

3.3. COMPLIANCE CRITERIA

NTC Group (Pty) Ltd assessed the conditions of the EA and the EMPr using the criteria provided in . The approach to the external environmental performance assessment was guided by the requirements of ISO 19011: 2018 “*Guidelines for Auditing Management Systems*”.

Table 2: Performance Assessment Criteria

CRITERIA	ACC	DESCRIPTION
COMPLIANT	C	Full Compliance is when the current construction, operational, or decommissioning activities comply with the authorisation conditions. Mitigation measures or commitment thereof have been achieved and evidence is provided in the form of a document or condition implementation onsite. No mitigation measures are required where operations comply.
NON-COMPLIANT	N/C	Non-Compliance is when construction, operational, or decommissioning activities are in contravention of the conditions and/or have the potential to impact the environment in a detrimental manner. Non-compliance may also be associated with activities breaching legislation/ Mitigation measures or commitment thereof have not been achieved and evidence is not provided in the form of a document or condition implementation onsite. Non-Compliance findings have a high priority and mitigation measures are mandatory.
NOT APPLICABLE	N/A	Not Applicable is assigned to authorisation/ permit conditions where activities no longer occur, that do not apply to current activities, that may be incorrect and require amendment, fall outside the audit period and/or are duplicates of existing conditions.
TAKE NOTE	T/N	In certain instances, conditions are presented in a manner which cannot be assessed as a Compliant or Non-Compliant Condition. This is a specific requirement which the Competent Authority may stipulate, which is applicable to the site and should be considered in the near future, or which allows the Competent Authority certain allowances.

3.4. SCOPE

The scope of the external environmental performance assessment includes:

- The requirements of Section 34 and Appendix 7 of the EIA Regulations (GN R982 of 2014), as amended.
- Section 55 of the MPRD Regulations (GNR 527 of 2004), as amended.
- The conditions provided in Zibulo Colliery: Underground's EA (see 2.3.) and EMPr (see 2.4.) that remained valid for the annual assessment period.
- Activities associated with the construction phase for Zibulo Colliery: Underground.
- The annual assessment period from August 2024 – August 2025.
- The property boundaries of the Zibulo Colliery: Underground shown in Figure 2.

4. PERFORMANCE ASSESSMENT RESULTS

This section provides the results of external environmental performance assessment for the annual period from August 2024 to July 2025. Conditions of the EA and EMPr were assessed using the performance assessment criteria in Table 2. The results for Zibulo Colliery: Underground's level of compliances with the conditions of the EA are provided in TABLE 3 and TABLE 5 and the EMPr in TABLE 4 as follows:

TABLE 3	Environmental Authorisation for the Zondagsfontein Coal Mine Project (DARDLEA Ref. 17/2/2/2 NK-7) issued to Anglo Inyosi Coal for the proposed Zondagsfontein Coal Mine Project at Zondagsfontein Coal Mine (Zibulo), Ogies, Mpumalanga.
TABLE 4	Environmental Management Programme (March 2008) for Anglo Inyosi Coal (Pty) Ltd in respect of the Farm Zondagsfontein 253 IR and others, situated in the Magisterial Districts of Witbank and Delmas, Mpumalanga Regions approved by the Department of Mineral Resources on 17 June 2010 (DMRE Reference: (MP) 30/5/1/2/3/2/1 (305) EM).
TABLE 5	Environmental Authorisation issued in terms of the National Environmental Management Act, 1998 (NEMA) as amended, the Environmental Impact Assessment (EIA) Regulation, 2014 for the Environmental Management Programme in relation to the construction of Uncast Ventilation Shaft, Downcast Ventilation Shaft, four fan units, MCC Building, Transformer Bays, Electrical skids, Electrical infrastructure and cable support, remaining platform area, contractors yard, gravel access road (Existing to be upgraded) storm water berms and electrical powerline, situated within the magisterial district of Ogies: Mpumalanga Region; dated 26 July 2022 with DMRE reference no. (MP) 30/5/1/2/3/2/1/(305)EM.
TABLE 6	Environmental Authorisation (DMRE Ref. (MP) 30/5/1/2/3/2/1/(305) EM) issued to Zibulo North Shaft Project in terms of the National Environmental Management Act (Act 107 Of 1998), as amended, read with the Environmental Impact Assessment Regulations (2014), as amended, regarding an Amendment Application in respect of the Farm Strathfontein 252 IR, Farm Smithfield 44 IS, Farm Leeufontein 219 IR, and Strathfontein 252 IR within the Magisterial District of Witbank: Mpumalanga Region.
TABLE 7	Environmental Management Programme (DMRE Ref. (MP) 30/5/1/2/3/2/1/ (305) MR) for Thungela Zibulo North Shaft Project.

TABLE 3: ENVIRONMENTAL AUTHORISATION FOR THE ZONDAGSFONTEIN COAL MINE PROJECT (DARDLEA REF. 17/2/2/2 NK-7) ISSUED TO ANGLO INYOSI COAL FOR THE PROPOSED ZONDAGSFONTEIN COAL MINE PROJECT AT ZONDAGSFONTEIN COAL MINE (ZIBULO), OGIES, MPUMALANGA

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3. SCOPE OF THE AUTHORISATION			
3.1	Authorisation of the activity is subject to the conditions contained in the authorisation, which forms part of the environmental authorisation and are binding to the holder of the authorisation.	T/N	Zibulo Colliery: Underground appointed an Environmental Superintendent to bear overall responsibility for giving effect to the conditions of the Environmental Authorisation (EA) (DARDLEA REF. 17/2/2/2 NK-7) and ensure compliance. Additionally, Zibulo Colliery appoints an independent external auditor to conduct annual audits to verify compliance with the conditions of their EAs and Environmental Management Programmes (EMPRs). The auditors were provided with the most recent audit report, "Thungela Zibulo Colliery: Underground, Annual External Environmental Performance Assessment Report (2023 - 2024)" (January 2025) compiled by NTC Group (Pty) Ltd. Non-compliances with conditions of the EA identified during the audit are managed according to Zibulo Colliery's "Incident and Non-Conformance Reporting Procedure" (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the Environmental Management System Electronic Database (ENABLON) and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident.
3.2	The holder of the authorisation is responsible for ensuring compliance with the conditions contained in this environmental authorization. This includes any person acting on the holder's behalf including but not limited to an agent, servant, contractor, sub-contractor, employee, consultant or any person rendering a service to the holder of the authorisation.	T/N	The "Zibulo Competency Training and Authority Procedure" (Doc No. ZIB-ENV-PRO-0805, dated 10 October 2017) mandates employees, permanent, long term and medium term contract staff, and those returning from annual leave to attend annual site induction prior to commencing work on site. The "Zibulo Environmental Induction" (Doc No. V5) was availed to the auditors and provides requirements regarding environmental good practice and topics related to the EA and EMPr conditions. The Thungela Zibulo Colliery Induction Schedule 2025 - Register dated 19 May 2025 was verified by the auditors.
3.3	The activities authorised may only be carried out at the property indicated above.	C	Zibulo Colliery: Underground Mining's underground mining is currently in the operational phase, and all related activities are undertaken on the properties authorised in the EA (DARDLEA REF. 17/2/2/2 NK-7), as verified by the auditors during the site inspection. No activities were observed outside of the properties approved in the EA: Portion 5 of the farm Boschpoort 211 IR, Portion 1 and 3 of the farm Cologne 34 IS; Portion 2, 3, 4, 6, 7, 8, 11, 12, 13, 14, 15, 18, 19, 20, 21, 23, 24, 25, 26, 28, 33 and 34 of the farm Leeuwfontein 219 IR; Portion 35 of the farm Olga 35 IS; Portion 1 and 3 of the farm Onverwacht 66 IS; Remainder, Portion 1, 2, 4, 6, 7, 8, 9, 10 and 11 of the farm Rietvlei 64 IS; Portion 2, 3 and 5 Smithfield 44 IS; Portion 1, 2, 3, 5, 6, 7, 8, 9, 11, 12, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 21, 32 and 33 of the farm Straffontein 252IR; Portion 2, 4, 5, 7, 11 and 14 of the farm Strehla 261 IR; Portion on the farm Uitvlugt 255 IR, Portion 7 and 8 Vlakvarkfontein 213 IR; Remainder, Portion 1, 4, 7, 9, 10, 11, 16, 17, 18, 20, 21, 22 and 198 of the farm Welgelegen 221 IR; Remainder, Portion 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11 of the farm Zondagsfontein 253 IR, Ogies, Mpumalanga.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.4	Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be affected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground Mining. No changes to, or deviations from the project description occurred during the audit period (August 2024 - July 2025).
3.5	The activity must commence within a period of two (2) years from the date of Issue. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.	C	The activity commenced within the specified period of two (2) years from the date of Issue and is currently ongoing.
3.6	This authorisation does not negate the holder of the authorisation, responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.	T/N	The requisite EA (DARDLEA REF. 17/2/2/2 NK-7) in terms of the National Environmental Management Act (NEMA) (Act 107 of 1998) for activities undertaken by Zibulo Colliery: Underground Mining operation has been obtained, and no unauthorised activities were observed during the site inspection. Zibulo Colliery: Underground Mining water use activities have been authorised by the Department of Water and Sanitation (DW&S) in terms of Section 21 of the National Water Act (NWA) (Act 36 of 1998) and a Water Use Licences (WUL Ref. 04/B11E/CGIJ/692, dated 14 December 2022) has been issued for the underground mining operation.
APPEAL OF THE AUTHORISATION			
3.7	After an appeal period has been expired and no good course to extent the appeal period has been submitted in accordance with Chapter 2 of the National Appeal Regulations of 2014, a thirty (30) day-written notice must be given to the department that the activity will commence. Commencement for purpose for the purpose of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.8. The notification referred to in 3.7 must-			
3.8.1	specify the date on which the authorisation was issued;	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.8.2	inform the interested and affected party of the appeal procedure provided for in Chapter 8 of the regulations; and	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.8.3	advise the interested and affected party that a copy of the authorisation and reasons for the decision will be furnished on request.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
MANAGEMENT OF THE ACTIVITY			
3.9. The Environmental Management Plan ("EMP"), which fulfils the requirements of this authorization, must be compiled and submitted to the Department for approval. The EMP must:			
3.9.1	Contain all the information specified in regulation 34 of the regulation.	C	Regulation 34 of the Environmental Impact Assessment (EIA) Regulations (GN R982 of 04 December 2014), as amended, requires the holder of an EA to comply with the conditions of the EA and EMPr and appoint an independent auditor to verify compliance. Additionally, an audit report must submitted to the DMRE which indicates the level of compliance with conditions of the EAs and EMPrs and the effectiveness of mitigation measures implemented to manage environmental impacts associated with the authorised activities. The auditors were provided with the most recent audit report, " <i>Thungela Zibulo Colliery: Underground, Annual External Environmental Performance Assessment Report (2023 - 2024)</i> " (January 2025) compiled by NTC Group (Pty) Ltd. A copy of the email confirming the electronic submission of the abovementioned audit report to the Department of Mineral Resources & Energy (DMRE) on 12 March 2025, was provided to the auditors for verification.
3.9.2	Be approved by the Department before the commencement of any construction activities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). The auditors verified the approval of the EMPr in an official letter issued by the DMRE dated 17 June 2010 " <i>Approval of the Environmental Management Programme for Anglo Inyosi Coal (Pty) Ltd in respect of the farm Zondagsfontein 253 IR and others, situated in the Magisterial Districts of Witbank and Delmas: Mpumalanga Region</i> " (DMRE Ref. MP 30/5/1/2/3/1/2/1 (305) EM).
3.9.3	Be adhered to during the commencement, operation and closure of the activity.	C	Zibulo Colliery: Underground Mining appointed an Environmental Superintendent to bear overall responsibility for giving effect to the conditions of the Environmental Authorisation (EA) (DARDLEA REF. 17/2/2/2 NK-7) and ensure compliance. Additionally, Zibulo Colliery: Underground Mining appoints an independent external auditor to conduct annual audits to verify compliance with the conditions of their EAs and Environmental Management Programmes (EMPRs). The auditors were provided with the most recent audit report, " <i>Thungela Zibulo Colliery: Underground, Annual External Environmental Performance Assessment Report (2023 - 2024)</i> " (January 2025) compiled by NTC Group (Pty) Ltd. Non-compliances with conditions of the EA identified during the audit are managed according to Zibulo Colliery: Underground Mining Underground's "Incident and Non-Conformance Reporting Procedure" (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the Environmental Management System Electronic Database (ENABLON) and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident.
COMMISSIONING AND OPERATION OF THE ACTIVITY			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.10	Fourteen (14) days written notice must be given to the Department that the activity will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.11	All construction activities must be limited to the said site. No activities must be allowed on adjacent agricultural land.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.12	Chemical toilets must be provided to be used by construction workers. These must be serviced on a regular basis and no pit latrines are allowed.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.13	Potable water must be made available for the site workers.	C	Zibulo Colliery: Underground Mining receives potable water from the Emalahleni Water Reclamation Plant (EWRP) for employee use.
3.14	Proper waste management facilities must be provided as part of the construction camp. No dumping of any kind of waste (domestic, general, building rubble, etc) must take place on the adjacent agricultural land.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.15	Best waste management practices must be emphasized during the induction phase and on an on-going basis.	NC 001	The "Zibulo Competency Training and Authority Procedure" (Doc No. ZIB-ENV-PRO-0805, dated 10 October 2017) mandates employees, permanent, long term and medium term contract staff, and those returning from annual leave to attend annual site induction prior to commencing work on site. The "Zibulo Environmental Induction" (Doc No. V5) was availed to the auditors and includes waste management as one of the training topics. Additionally, monthly environmental topics are distributed to agents, subcontractors and employees and a copy of the November monthly topic which focused on Waste Management was provided to the auditors for verification. Further to that, Zibulo Colliery manages waste in accordance with the "Zibulo Colliery Waste Management Procedure" (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which includes the requirements for waste separation at source, the use of colour coded waste receptacles with signage indicating the waste type, waste disposal and records keeping. However, during the site inspection, poor waste management and poor housekeeping practice was observed as follows:- Litter was observed in the clean water canal culvert near the offices.- Substantial littering and poor containment of waste was observed at the Stone Dust Silo, Ventilation Shaft No. 2, Standby Generator Yard and the Access Road to the Contractor's Area. A heap of coal dumped in the area was also observed.- Mixing of General and Hazardous waste, overflowing skips and spill kit used as a bin were observed at the service bay area.- Poor housekeeping and substantial littering were observed at the contractor's yard and at the salvage yard.
3.16	Waste must be removed by a licensed waste disposal company and should chemical toilets be utilized, the sewage must be removed by a licensed company.	C	Zibulo Colliery: Underground Mining manages waste in accordance with the "Zibulo Colliery Waste Management Procedure" (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which includes the requirements for waste disposal and records keeping. General waste is collected by Fortchportch (Pty) Ltd, who hold a Certificate of Approval issued by Emalahleni

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			Local Municipality Environmental and Waste Management (Permit number. Env 001/2025, dated 22 January 2025). No chemical toilets are utilised on site.
3.17	Once the designated areas for waste skips and the planned amounts have been finalized, the mine has to obtain a section 20 applications from the DWAF in terms of the Environmental Conservation Act (Act No. 73 of 1989).	T/N	Section 20 of the Environment Conservation (ECA) (Act 73 of 1989) has been repealed and the requirement for a Waste Management Licence is provided in National Environmental Management: Waste Act (NEMWA) (Act 59 of 2008). A Waste Management Licence is not currently required in relation to the activities undertaken at Zibulo Colliery: Underground Mining operations.
3.18	No activities associated with hydrocarbons and or chemicals (i.e. wash bays etc.) must be undertaken outside of an effectively designed contained area.	NC 002	During the site inspection, the storage of unassembled parts contaminated with hydrocarbons were observed beyond the down-gradient cutoff trench at the Sub Assembly Bay.
3.19	The applicant is responsible for the removal and appropriate disposal at a landfill site of all maintenance waste produced during the operational phase.	C	Zibulo Colliery manages waste in accordance with the "Zibulo Colliery Waste Management Procedure" (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which includes the requirements for waste disposal and records keeping. Hazardous waste is collected by Fortchportch (Pty) Ltd - COD to be disposed of at Holfontein and a Safe Disposal Certificate (certificate no. 240906000100002826663, dated 30 January 2025) was provided to the auditors for verification. Holfontein is a licenced Hazardous Waste Disposal Facility, as verified in the "Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. General waste is collected by Fortchportch (Pty) Ltd, who hold a Certificate of Approval issued by Emalahleni Local Municipality Environmental and Waste Management (Permit number. Env 001/2025, dated 22 January 2025). General waste is disposed at Phola Landfill Site, a licenced Waste Disposal Facility.
3.20	The contractor doing civil work must ensure that construction waste must be disposed of at the relevant registered municipal waste site and for the hazardous waste at Holfontein Hazardous waste disposal site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.21	No servicing of vehicle must take place on site.	C	It was confirmed during the site inspection that servicing of vehicles is undertaken in an effectively designed contained area.
3.22	The contractors must ensure that the construction vehicles are in a good condition and do not leak oil or transmission fluid onto the site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.23	Soil contaminated by oil from leaking vehicles must be collected and disposed of at a hazardous waste disposal site.	C	The "Zibulo Colliery Emergency Preparedness Procedure" (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well removal of hazardous waste generated during clean-up. No hydrocarbon spills were observed on site during the site inspection. Hazardous waste is collected by Fortchportch (Pty) Ltd - COD to be disposed of at Holfontein and a Safe Disposal Certificate (certificate no. 240906000100002826663, dated 30 January 2025) was provided to the auditors for verification. Holfontein is a licenced Hazardous Waste Disposal Facility, as verified in the " Waste Management Licence for Enviroserv Holfontein

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			Hazardous Waste Disposal Facility" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs.
3.24	The area to be cleared of vegetation must be limited in order to reduce the potential for dust generation especially during the windy months and erosion during the rainy season.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.25	Dust suppression measures must be implemented during very dry and windy periods.	NC 003	Zibulo Colliery: Underground Mining implements water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation. However, no dust management measures were in place at the incline shaft area. During the site inspection, a significant amount of dust was observed in this area, with the sources of dust being the fine coal material in the vicinity, coal stockpiles and coal spills from the conveyor belt.
3.26	The excavation of soil must be done carefully and appropriate drainage systems incorporated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.27	Once the heavy machinery has cleared the bulk of these material stockpiles, the disturbed areas must be levelled and cleared of any foreign material.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.28	Noise must be well within the environmental noise limits as prescribed by Environment Conservation Act and other regulations.	NC 004	The ECA (Act 73 of 1989) provides the requirements for environmental noise monitoring of disturbing noise and nuisance noise in accordance with the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the methodology in SANS 10103: 2008: The Measurement and Rating of Environmental Noise with Respect to Annoyance and to Speech Communication. Furthermore, where noise levels exceed the limits in the NNC Regulations (GN R154 of 1992), the noise source must be identified and mitigation measure must be implemented. Although Zibulo Colliery: Underground Mining undertakes occupational noise monitoring and monitoring in terms of ground vibration and air blast, this does not meet the requirements of the recommended Environmental Noise Monitoring in terms of the NCC Regulations (GN R154 of 1992) under the ECA (Act 73 of 1989). Zibulo Colliery: Underground Mining indicated that Environmental Noise Monitoring is budgeted for 2026. In this regard, although there is no legal requirement to undertake environmental noise monitoring, the only manner within which to verify compliance with the prescribed limits is to undertake an environmental noise assessment, even on a once off basis.
3.29	A noise survey must be conducted and approved by the Inspection Authority and Occupational Hygienist once construction of the plant is complete.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). A baseline noise assessment survey was undertaken in 2006 and an Environmental Noise Assessment undertaken in respect of the underground mining operations and conveyor during 2012. However, none of the reports were provided to the auditors for verification.
3.30	Other relevant approval from legislations, policies and or guidelines of any sphere of the government that are applicable must be considered before the construction of the proposed activity.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.31	The Applicant must ensure that the material generated during the decommissioning phase is cleared from the site and disposed of at a registered landfill site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground Mining Underground is currently in the operational phase.
3.32	Stockpiling of these soils must be done separately from the different layers of the soils, and greater care is needed with the management of erosion problems during storage.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). During the site inspection, no soil stockpiles were observed at Zibulo Colliery: Underground Mining.
3.33	Prior to the removal of the soils for stockpiling additional sampling and analysis of the soils must be undertaken, to determine their suitability for use during rehabilitation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). No removal of stockpile occurred at Zibulo Colliery: Underground Mining during the audit period.
3.34	Topsoil and subsoil must be sprayed with dust allaying agent immediately after being stockpiled.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). No topsoil and subsoil stockpiling occurred at Zibulo Colliery: Underground Mining during the audit period.
3.35	Stockpiles greater than 1.5m must be equipped with engineered erosion control measures.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). During the site inspection, no soil stockpiles were observed at Zibulo Colliery: Underground Mining.
3.36	Rapid growth of vegetation on stockpiles must be promoted by means of watering.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). During the site inspection, no soil stockpiles were observed at Zibulo Colliery: Underground Mining.
3.37	The mine must ensure that all erosion controls measures are included in the designs of all linear infrastructures (railway lines, power lines, conveyors, pipelines etc.) and points of water discharge.	NC 005	During the site inspection, erosion was observed down-gradient of the 7.5 ML Dam where water was by-passing the oil separator.
3.38	Areas where erosion control measures have been implemented must be inspected on a weekly basis to determine their effectiveness.	NC 006	Monthly inspections are undertaken by the environmental team, however, the condition requires that weekly inspections where erosion control measures have been implemented be undertaken.
3.39	There must be an incident management system including procedures and training for dealing with incidents.	C	Zibulo Colliery's " <i>Incident and Non-Conformance Reporting Procedure</i> " (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), was availed during the audit and provides the process for the management and reporting of incidents. The procedure states that incidents must be logged onto the Environmental Management System Electronic Database (ENABLON), assigned with corrective and preventative actions, target dates and responsible persons for addressing the incident.
3.40	Major spillage incidents must be reported to the DME, DWAF, MDALA and the National Department of Agriculture (NDA).	C	The Zibulo Colliery: Underground Mining's Emergency Preparedness Procedure (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements. The Zibulo Colliery: Underground Mining reported that no significant, reportable pollution incidents occurred at the underground workings during the audit period (August 2024 - July 2025).
3.41	If spills do occur and soils become contaminated, appropriate remedial measures must be identified in consultation with appropriate qualified specialists.	C	No hydrocarbon spills were observed on site during the site inspection. The Zibulo Colliery: Underground Mining's <i>Emergency Preparedness Procedure</i> (Doc No. ZIB-ENV-PRO-0808,

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements.
3.42	Contractor Lay Down Area needs to be established within designated mining areas, or where the footprint of the area will become part of the mining infrastructure.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.43	Should any rare or endangered species be found within the Expansion Project area must be relocated under the guidance of relevant authorities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.44	Dust must be suppressed by using the same dust suppression method as for topsoil stockpiles.	NC 003	Zibulo Colliery: Underground Mining implements water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation. However, no dust suppression measures were in place at the incline shaft area. During the site inspection, a significant amount of dust was observed in this area, with the sources of dust being the fine coal material in the vicinity, coal stockpiles and coal spills from the conveyor belt.
3.45	Ongoing ambient and PM10 monitoring must be implemented with dust monitors concentrated of the west of the site.	NC 007	There is currently no ongoing ambient and PM10 monitoring implemented at Zibulo Colliery: Underground Mining. The "Gravimetric Dust Fallout Monitoring Report" (Doc Ref. 22-1734-ECOI), compiled by EcoE Innovative Consulting, were availed for the months between August 2024 - April 2025. However, this ambient air quality monitoring campaign is limited to monitoring locations within the Zibulo Colliery Opencast area. Additionally, PM10 and PM2.5 monitoring was conducted by EcoE Innovative Consulting with the monitoring station placed at Ogies School. PM10 monitoring reports for the months of August 2024 and September 2024 (Doc Ref: 22-1734-ECOI-PM) were provided to the auditors. Both reports indicate that no data was captured for the months due to vandalism of the unit and that the unit is awaiting relocation to a more secure site.
3.46	All employees must be made aware of all environmental issues during induction and must continuously be updated of all new issues.	C	The "Zibulo Competency Training and Authority Procedure" (Doc No. ZIB-ENV-PRO-0805, dated 10 October 2017) mandates employees, permanent, long term and medium term contract staff, and those returning from annual leave to attend annual site induction prior to commencing work on site. The "Zibulo Environmental Induction" (Doc No. V5) was availed to the auditors and provides requirements regarding environmental good practice and topics related to the EA and EMPr conditions. The Thungela Zibulo Colliery Induction Schedule 2025 - Register dated 19 May 2025 was verified by the auditors. Additionally, monthly environmental topics are distributed to agents, subcontractors and employees and a copy of the environmental topic for August 2024, February 2025 and May 2025 were provided to the auditors for verification.
3.47	Clean and dirty water systems must be implemented prior to the commencement of construction activities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.48	All pollution control dams, and other dirty water infrastructure must be lined with a HDPE liner.	C	Zibulo Colliery: Underground Mining reported that all PCDs are lined and monthly water dam inspections are conducted to check the integrity of the liner. No visible damage to the liner was observed during the site inspection.
3.49	All pollution control dams must be maintained regularly to maintain their effectiveness.	NC 008	Zibulo Colliery: Underground Mining reported that all PCDs are lined and monthly water dam inspections are conducted to assess key aspects that influence the effectiveness of the

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			<p>pollution control dams. The following reports were provided to the auditors: <i>Zibulo PCD 1 Dam Monthly Inspection Supporting Document</i>, dated 14 November 2024, <i>Zibulo PCD 2 Dam Monthly Inspection 14/11/2024 Supporting Documents</i>, dated 14 November 2024 and <i>PCD2 Dam Monthly Inspection Supporting Document</i>, dated 06 February 2025. The pollution control dams are further inspected during the monthly Environmental Inspections which are conducted by the environmental team. Additionally, a Bathymetric Survey was conducted by Kago Entle Group and the results thereof were documented in the report titled <i>Bathymetric surveys and orthophoto mapping of Thungela Dams</i>, dated April 2025. The aforementioned survey's main purpose is to provide actionable insights for dam management, environmental compliance and infrastructure planning to assist in ensuring that the PCD's maintain their effectiveness.</p> <p>However, it was observed during the site inspection that the channel inlet leading to the silt trap / oil separator that discharges into the 7.5 ML PCD was clogged, with indications that overflow may have previously occurred into the surrounding environment. This undermines the abovementioned measures implemented to maintain the effectiveness of the PCD (i.e. the monthly inspections and bathymetric survey). Blockages and overflows at this point make the infrastructure ineffective, as untreated contaminated runoff may bypass containment and compromise the intended system functioning of the PCD and lead to contaminated runoff containing hydrocarbons being released into the wetland system.</p>
3.50	Spillage clean up kits must be made available at each area where hydrocarbons are being utilized.	C	Spill kits were observed during the site inspection.
3.51	During an induction and ongoing all employees must be trained on how to rehabilitate contaminated spill areas.	C	The "Zibulo Environmental Induction" (Doc No. V5) was availed to the auditors and provides requirements regarding management of hazardous chemical spillages. The "Zibulo Competency Training and Authority Procedure" (Doc No. ZIB-ENV-PRO-0805, dated 10 October 2017) mandates employees, permanent, long term and medium term contract staff, and those returning from annual leave to attend annual Site Induction prior to commencing work on site. The Thungela Zibulo Colliery Induction Schedule 2025 - Register dated 19 May 2025 was verified by the auditors. Additionally, monthly environmental topics are distributed to agents, subcontractors and employees and a copy of the environmental topic for August 2024, February 2025 and May 2025 were provided to the auditors for verification.
3.52	The construction of borrow pits, stockpiles and pollution control dams must be within the mining rights area and be within designated areas.	C	Zibulo Colliery: Underground Mining is currently in operational phase, and all related facilities and activities are undertaken on the properties authorised in the Mining Right and EA (DARDLEA REF. 17/2/2 NK-7), as verified by the auditors during the site inspection. No activities or facilities were observed outside of the approved properties.
3.53	Around the operational area, dirty water and clean water systems must be implemented to mitigate and reduce impact on groundwater.	C	During the site inspection, separation of the dirty and clean stormwater system was observed and no concerns were noted regarding groundwater impacts.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.54	All vehicles must use the limited speed of 40km per hour, especially during the high-risk periods of high winds; high temperature and low humidity must be enforced.	C	During the site inspection signage indicating a speed limit of 40 km/ hr was observed around site.
3.55	There must be a consultation and cooperation with local law enforcement agencies to ensure legal and regulatory compliance on the road.	C	Zibulo Colliery: Underground Mining reported that consultation and cooperation with local enforcement is on-going and no road related legal compliance issues occurred for the audit period (August 2024 - July 2025).
3.56	Gravel roads, topsoils and subsoils must be sprayed with a dust allaying agent.	NC 003	Zibulo Colliery: Underground Mining implements water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation. However, no dust suppression measures were in place at the incline shaft area. During the site inspection, a significant amount of dust was observed in this area, originating from the fine coal material on unpaved surfaces and roads, coal stockpiles and coal spills from the conveyor belt.
3.57	Graveyards must be preserved <i>in situ</i> , they must be demarcated with brick walls or with fences and the mine must remain responsible for their future unaffected existence.	N/A	There are no graves within the active Zibulo Colliery footprint. The existing graves are in farms, which are within the Mining Right, but out of any mine activities influence. The farms are only being undermined by the colliery.
3.58	A forensic archaeologist or reputed undertaker who is acquainted with the administrative procedures and relevant legislation must be involved whenever human remains are exhumed and relocated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
	If there are any land claims submitted to the Department of Land Affairs, in terms of the Restitution Act, commencement of the mine activities must be delayed until the claim is resolved or finalized, and proper procedures and processes of the legislation must be followed about the claim.	T/N	No land claims have been submitted to the Department of Land Affairs during the audit period (August 2024 - July 2025).
3.59	Surrounding property owners must be informed of the blasting procedures and schedules and blasting times must be planned in advance and must be clearly indicated on the mining area.	C	Zibulo Colliery: Underground Mining indicated that there is no blasting undertaken at the mine.
3.60	During an induction and ongoing all employees must be trained on how to rehabilitate contaminated spill areas.	C	The "Zibulo Environmental Induction" (Doc No. V5) was availed to the auditors and provides requirements regarding management of hazardous chemical spillages. The "Zibulo Competency Training and Authority Procedure" (Doc No. ZIB-ENV-PRO-0805, dated 10 October 2017) mandates employees, permanent, long term and medium term contract staff, and those returning from annual leave to attend annual site induction prior to commencing work on site. The Thungela Zibulo Colliery Induction Schedule 2025 - Register dated 19 May 2025 was verified by the auditors. Additionally, monthly environmental topics are distributed to agents, subcontractors and employees and a copy of the environmental topic for August 2024, February 2025 and May 2025 were provided to the auditors for verification.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.61	Employees and outside contractors must be informed of the blasting procedures and the associated safety measures to be taken during their induction.	C	The "Zibulo Environmental Induction" (Doc No. V5) was availed to the auditors and provides requirements regarding blasting activities.
3.62	During construction and operation, haulage roads must be treated with Dust-aside or a similar product to reduce water usage and dust creation.	NC 009	Zibulo Colliery: Underground Mining implements water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation. However, the water used is not treated with Dust-aside or a similar product.
3.63	Construction workers must be easily identified as part of the construction team by wearing the specific clothing and/or name tags.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.64	Pro-active measures must be put in place by the Emalahleni Local Municipality and DCM to minimize negative impacts associated with the influx of construction workers and potential job seekers to the area.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.65	The Applicant must pro-actively inform the local municipality and local residents of roads closure and diversions.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground Mining. No road closures or diversion occurred during the audit period (August 2024 - July 2025).
3.66	The Expansion Project must link with the Integrated Development Plan (IDP) of the Emalahleni Local Municipality especially with regards to the planning processes to ensure adequate water supply and other programmes.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.67	Local SMME must be allowed the opportunity to become involved in maintenance, security services, garden services, cleaning and catering services and transport services.	C	The "Thungela Social and Labour Plan Zibulo Colliery MP30/5/1/2/2/305MR (2021 - 2025)" was availed to the auditors. The Zibulo Colliery Social Labour Plan (SLP) provides Thungela's strategies for promoting inclusive procurement and increase spending with BBBEE-compliant, Black Owned, Black Women Owned and Black Youth Owned, companies, especially Small, Medium, and Micro Enterprises (SMMEs). Zibulo Colliery: Underground Mining indicated that local SMMEs are provided with opportunities to become involved in the operations.
3.68	A skills development programme must be embarked upon before the mine is fully operation to ensure that locals are "employed".	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.69	Take care to implement the aspects indicated in the EMP, with specific focus on water (surface and ground) and dust management.	C	Zibulo Colliery appointed an Environmental Superintendent to bear overall responsibility for giving effect to the EMPr (DMRE Ref. (MP) 30/5/1/2/3/2/1 (305) EM) and ensure compliance therewith. Additionally, Zibulo Colliery appoints an independent external auditor to conduct annual audits to verify compliance with the conditions of their EAs and EMPRs. The conditions of the EMPr are implemented on site and has been audited as part of the current annual external environmental audit. The results of the EMPr audit are provided in Table 2 of this report.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.70	Access roads and entrances to the mining area must be carefully planned to limit any intrusions, noise and dust pollution, as well as to limit any risks of accidents.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.71	Ensure access points comply with approved standards and are well marked and indicated.	C	During the site inspection, adequate signage was observed at access points.
3.72	Construction vehicles and those transporting materials and goods must be inspected to ensure that these are in good working conditions and not overloaded not to spill any coal or product on the road.	C	Evidence of inspection was observed
3.73	An Environmental Committee must be established and used as a forum to keep interested and affected parties informed of the significant environmental aspects identified through the Environmental Impact Report and Environmental Management Plans.	C	Zibulo Colliery: Underground Mining indicated that an Steercom has been established where significant environmental impacts arising from the mining activities are discussed. The outcomes of these discussions are presented to Interested and Affected Parties (I&APs). However, through future forum meetings
3.74	Employees and outside contractors must be informed of the blasting procedures and the associated safety measures to be taken during their induction.	C	The "Zibulo Environmental Induction" (Doc No. V5) was availed to the auditors and provides requirements regarding blasting activities.
GENERAL			
3.75	A copy of this authorization must be kept at the property where the activity will be undertaken. The authorization must be produced to any authorized official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorization who works or undertakes work at the property.	C	A hard copy of the EA was available during the audit and an electronic copy is available on Zibulo Colliery's Shared Drive.
3.76	Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/or telephonic details, the applicant must notify the Department as soon as the applicant knows the new details.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground Mining. No changes to contact details, responsible person, physical/ postal address, telephonic details, or transfer of this EA occurred for the audit period (August 2024 - July 2025).
3.77	The holder of the authorization must notify the Department, in writing and within 24 (twenty-four) hours, if conditions of this authorization are not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.	NC 010	Although Zibulo Colliery appoints an independent external auditor to conduct annual audits to verify compliance with the conditions of their EAs and Environmental Management Programmes (EMPRs) and the non-compliances with conditions of the EA and EMPR identified during the audit are reported to the DMRE, such non-compliances are not reported to the DMRE within the specified 24 (twenty-four) hours.
3.78	Non-compliance with a condition of this authorization may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the regulations.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground Mining.

TABLE 4: ENVIRONMENTAL MANAGEMENT PROGRAMME (MARCH 2008) FOR ANGLO INYOSI COAL (PTY) LTD IN RESPECT OF THE FARM ZONDANGSFONTEIN 253 IR AND OTHERS, SITUATED IN THE MAGISTERIAL DISTRICTS OF WITBANK AND DELMAS, MPUMALANGA REGIONS APPROVED BY THE DEPARTMENT OF MINERAL RESOURCES ON 17 JUNE 2010 (DMRE REFERENCE: (MP) 30/5/1/2/3/2/1 (305 EM))

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
OPERATIONAL PHASE			
6.2.1. GEOLOGY			
6.2.1.1	Accurate notation of geological features encountered in the mining sections.	C	Zibulo Colliery reported that records related to geological information are recorded.
6.2.1.2	The application of stone dust on underground coal pillars is an industry standard. No additional mitigation measures are proposed.	N/A	No additional mitigation measures are required.
6.2.2. TOPOGRAPHY			
6.2.2.1	There will definitely be no further impact on topography during the operational phase, consequently no specific measures are required.	N/A	No additional mitigation measures are required.
6.2.3. SOILS			
6.2.3.1	There will definitely be no further impact on topography during the operational phase, consequently no specific measures are required.	N/A	No additional mitigation measures are required.
6.2.4. LAND CAPABILITY			
6.2.4.1	There will definitely be no further impact on topography during the operational phase, consequently no specific measures are required.	N/A	No additional mitigation measures are required.
6.2.5. LAND USE			
6.2.5.1	There will definitely be no further impact on topography during the operational phase, consequently no specific measures are required.	N/A	No additional mitigation measures are required.
6.2.6. VEGETATION			
6.2.6.1	All surface infrastructure areas will be monitored for alien species and the appropriate method of control applied to such species as are identified on an annual basis during the growing season.	C	During the site inspection, no alien species were observed at the Zibulo Colliery: Underground Mining operations.
6.2.7. ANIMAL LIFE			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
6.2.7.1	The perimeter of the construction area will be secured and poaching or laying of snares on adjacent property prohibited.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
6.2.8. SURFACE WATER			
6.2.8.1	Re-use of dirty water to the extent that no positive balance is predicted for the life of mine	C	Zibulo Colliery reported that dirty underground water is discharged to Vaal Dam, pumped to PCD 1 & 2, and then pumped to Phola Processing Plant Balancing Dam. A portion of the water is used for coal washing. Water is returned from the Phola Processing Plant Balancing Dam. Excess water is pumped to the eMalahleni Water Reclamation Plant (EWRP) for treatment. Zibulo Colliery uses the online SCADA system which is linked to the electronic flow meters around the mine.
6.2.8.2	Construction of water management containment facilities sized to ensure a lower than 2% risk of spilling in any one year, based on the water re-use volumes given in the water balance. The combination of limited above ground storage (15MI) and storage underground (4300MI from year 8) has been shown to be adequate to ensure a 2% or lower risk in any one year.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground Mining. Zibulo Colliery: Underground Mining monitors the total inflows, outflows and volume variations for different water bodies on site. The Thungela Resources Zibulo Colliery Water Balance Report (Ref no. 41106601-REP-00002, dated April 2025) indicates that the total inflows, total outflows, and volume variations are in equilibrium, with an overall balance check of 2%.
6.2.8.3	Provision for monitoring of both the water balances and management of the water balance, as well as upstream and downstream river qualities to ensure that the above is achieved.	C	Zibulo Colliery: Underground Mining monitors the total inflows, outflows and volume variations for different water bodies on site. The <i>Thungela Resources Zibulo Colliery Water Balance Report</i> (Ref no. 41106601-REP-00002, dated April 2025) indicates that the total inflows, total outflows, and volume variations are in equilibrium, with an overall balance check of 2%. The abovementioned report includes a disclaimer that the accuracy of the model update is contingent upon the quality and completeness of the data provided by the client. Zibulo Colliery: Underground undertakes Biomonitring and the <i>"Biomonitoring and Ecotoxicity Assessment Programme for Zibulo Colliery in Mpumalanga Province"</i> (Doc. No. 005, dated November 2024), compiled by Marve Thabi Consulting Engineers (Pty) Ltd as well as the <i>"Zibulo Colliery Aquatic Biomonitring High Flow Memo Mpumalanga Province South Africa"</i> (Doc. No. 006, dated June 2025) were provided to the auditors.
6.2.8.4	Ongoing calibration of the water balance supplied as part of the EMPr assessment is required to ensure the predictions in terms of water make, water shortages, and storage requirements are evaluated during the life of mining.	C	The water balance model developed as part of the EMPr assessment is being actively maintained and recalibrated using actual site data. Recalibration is undertaken annually and the <i>Thungela Resources Zibulo Colliery Water Balance Report</i> (Ref no. 41106601-REP-00002, dated April 2025) noted an improvement in the calibration from June 2024 to December 2024 and highlights further measures to enhance the model.
6.2.9. GROUND WATER			
6.2.9.1	Any increased influx of ground water into the underground sections during the operational phase, will be managed as part of the total water balance.	C	As recorded in the <i>Thungela Resources Zibulo Colliery Water Balance Report</i> (Ref no. 41106601-REP-00002, dated April 2025), groundwater inflows into the underground sections is pumped to the 7.5ML PCD and accounted for in the mine's total water balance.
6.2.10. AIR QUALITY			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
6.2.10.1	The cover on the silo and all dust suppression systems on the crusher and conveyor system must be regularly maintained.	C	Although the cover on the silo was in place and maintenance is done regularly.
6.2.10.2	All disturbed areas that are not paved or constructed on within the shaft perimeter will be grassed to prevent dust.	C	The shaft parameter is paved and concreted
6.2.11. VIBRATION AND NOISE			
6.2.11.1	Doghouse enclosure on the eastern side of the conveyor and a wall adjacent to Mr Allen's house will be implemented during construction. A noise barrier will be constructed to be 2m above the vent shaft fans at Rietvlei to mitigate the impact on Mr Koos Boshoff's house.	N/A	No additional mitigation measures are required. The condition falls outside the scope of the audit period (August 2024 - July 2025).
6.2.11.2	Once the conveyor is operational the ambient noise levels will be re-assessed at various receptor sites identified in the noise specialist report to determine if noise levels are as predicted. If necessary, additional mitigation measures will be implemented (e.g. machined rollers) over sections where particular problems are encountered. This approach is deemed suitable because some sensitive receptors may be relocated as part of land purchases for mining in the area.	NC 004	Zibulo Colliery: Underground Mining indicated that a baseline noise assessment survey was undertaken in 2006 and an Environmental Noise Assessment undertaken in respect of the underground mining operations and conveyor during 2012. However, none of the reports were provided to the auditors for verification.
6.2.12. ARCHAEOLOGICAL AND CULTURAL HISTORICAL SITES			
6.2.12.1	There will definitely be no further impact on archaeological and cultural historical sites during the operational phase; consequently, no specific measures are required.	N/A	No additional mitigation measures are required.
6.2.13. SENSITIVE LANDSCAPES			
6.2.13.1	There will definitely be no further impact on archaeological and cultural historical sites during the operational phase; consequently, no specific measures are required.	N/A	No additional mitigation measures are required.
6.2.14. VISUAL ASPECTS			
6.2.14.1	No further mitigation is possible.	N/A	No additional mitigation measures are required.
6.2.15. SOCIO-ECONOMIC ASPECTS			
6.2.15.1	Undertake recruitment in the local communities through a well-advertised, transparent, off-site	C	The "Thungela Social and Labour Plan Zibulo Colliery MP30/5/1/2/2/305MR, Application for Section 102 for period: 2021 - 2025" was availed to the auditors. The SLP outlines how

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	employment process to avoid attracting squatters to the site and to reduce tensions around employment in the local community.		the recruitment of local communities are undertaken. Zibulo Colliery: Underground Mining indicated that the recruitment process and policy is widely communicated through the Job Opportunities page on the Thungela website.
6.2.15.2	Integrate the Social and Labour Plan and Corporate Social Investment activities with Integrated Development Plan for Leandra.	C	The " <i>Thungela Social and Labour Plan Zibulo Colliery MP30/5/1/2/2/305MR, Application for Section 102 for period: 2021 - 2025</i> " was availed to the auditors and includes Leandra in the Local Economic Development (LED) Programme for the mine by supporting projects such as the Multi-purpose Centre in Leandra/ Lebohang and Retrofit highmast and street lights in Leandra and Lebohang.
6.2.15.3	Develop a database of local service providers.	C	Zibulo Colliery reported that the database for local service providers is consolidated by the social labour office and the evidence thereof was provided to the auditors in the " <i>Zibulo Colliery's Host Community Supplier Database 2025</i> ".
6.2.15.4	Work with surrounding landowners and the local authority to prevent the establishment of informal settlements in the vicinity of the mine.	C	The auditors were informed that there is an initiative called farmers day held by Zibulo Colliery annually to interact with interested and affected parties. No informal settlements were observed in the vicinity of the mine.
6.2.15.5	Ensure that all construction workers are housed in surrounding towns and not onsite.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
6.2.15.6	Ensure that contractors are made aware of Anglo Coal employment policy and other policies i.e. HIV Aids.	C	The " <i>Thungela Social and Labour Plan Zibulo Colliery MP30/5/1/2/2/305MR, Application for Section 102 for period: 2021 - 2025</i> " was availed to the auditors and makes provision for employees and contractors to be made aware of the issues surrounding the spread of HIV and AIDS in the area. Additionally, Zibulo Colliery: Underground Mining undertakes continuous HIV awareness and training using targeted posters and training material, which were provided to the auditors during the audit.

TABLE 5: ENVIRONMENTAL AUTHORISATION ISSUED IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (NEMA) AS AMENDED, THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATION, 2014 FOR THE ENVIRONMENTAL MANAGEMENT PROGRAMME IN RELATION TO THE CONSTRUCTION OF UNCAST VENTILATION SHAFT, DOWNCAST VENTILATION SHAFT, FOUR FAN UNITS, MCC BUILDING, TRANSFORMER BAYS, ELECTRICAL SKIDS, ELECTRICAL INFRASTRUCTURE AND CABLE SUPPORT, REMAINING PLATFORM AREA, CONTRACTORS YARD, GRAVEL ACCESS ROAD (EXISTING TO BE UPGRADED) STORM WATER BERMS AND ELECTRICAL POWERLINE, SITUATED WITHIN THE MAGISTERIAL DISTRICT OF OGIES: MPUMALANGA REGION; DATED 26 JULY 2022 WITH DMRE REFERENCE NO. (MP) 30/5/1/2/3/2/1/(305)EM.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8. CONDITIONS			
8.1. STANDARD CONDITIONS			
8.1.1	Authorisation of the activity is subject to the conditions contained in this Authorisation, which forms part of the Environmental Authorisation and are binding on the holder of the Authorisation.	T/N	Zibulo Colliery: Underground understand that their activities are subject to the conditions of the Environmental Authorisation (EA) (MP 30/5/1/2/3/2/1/(305) EM dated 26 July 2022) and the Environmental Management Programme (EMPr) approved therein. Zibulo Colliery: Underground appointed an Environmental Superintendent to give effect to and ensure compliance with the conditions of the EA and EMPr.
8.1.2	The holder of the Authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of Authorisation.	T/N	The " <i>Zibulo Competency Training and Authority Procedure</i> " (Doc No. ZIB-ENV-PRO-0805, dated 10 October 2017) mandates employees, permanent, long term and medium term contract staff, and those returning from annual leave to attend annual site induction prior to commencing work on site. The " <i>Zibulo Environmental Induction</i> " (Doc No. V5) was availed to the auditors, and provides requirements regarding environmental good practice and topics related to the EA and EMPr conditions. The Thungela Zibulo Colliery Induction Schedule 2025 - Register dated 19 May 2025 was verified by the auditors. Additionally, monthly environmental topics are distributed to agents, subcontractors and employees and a copy of the environmental topic for August 2024, February 2025 and May 2025 were provided to the auditors for verification.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.1.3	Any changes to, or deviations from, the project description set out in this Authorisation must be approved, in writing, by the Department before such deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the Regulations.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground. No changes to, or deviations from the project description occurred during the audit period (August 2024 - July 2025).
8.1.4	Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/or telephonic details, including the transfer of this authorisation, the applicant must in writing notify the Regional Manager of this Department, within fourteen (14) days of the above specific change.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground. No changes to contact details, responsible person, physical/ postal address, telephonic details, or transfer of this EA occurred for the audit period (August 2024 - July 2025).
8.1.5	A copy of this authorisation must be kept on site. The Authorisation must be produced to any Government official(s) who may request to see it for inspection purposes and must be made available to the contractor(s) / subcontractor(s) authorised to undertake work at the property.	C	A hard copy of the EA was available during the audit and an electronic copy is available on Zibulo Colliery's Shared Drive.
8.1.6	This authorisation does not negate the holder of the Authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.	T/N	The requisite Environmental Authorisation in terms of the National Environmental Management Act (NEMA) (Act 107 of 1998) for activities undertaken by Zibulo Colliery: Underground have been obtained, and no unauthorised activities were observed during the site inspection.
8.1.7	After an appeal period has expired and no good course to extend the appeal period has been submitted in accordance with Chapter 2 of the National Appeal Regulations of 2014, a thirty (30) day written notice must be given to the Department that the activity will commence. Commencement for the purpose of this condition includes site preparation. The notice must	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	include a date to which it is anticipated that the activity will commence.		
8.2. SPECIFIC CONDITIONS			
8.2.1. Commissioning of the Activity			
8.2.1.1	This Authorisation is hereby solely granted to Anglo American Inyosi Coal (Pty) Ltd: Zibulo Colliery applied to construct uncast ventilation shaft, downcast ventilation shaft, four fan units MCC building, transformer bays, electrical skids, electrical infrastructure and cable support, remaining platform area, contractor yard, gravel access roads (existing to be upgraded) storm water berms and electrical power line.	C	The related activities are undertaken on the properties authorised in the EA.
8.2.1.2	The activity may not commence without the necessary permits/ licenses/ approvals and/or service agreements, where it is relevant, from or with the relevant regulatory authorities whether national, provincial or local.	T/N	The requisite Environmental Authorisation in terms of NEMA (Act 107 of 1998) for activities undertaken Zibulo Colliery: Underground has been obtained (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 26 May 2022) issued to Thungela Anglo American Inyosi Coal Propriety Ltd.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2.1.3	The company must apply the principle of best practicable environmental option for all technologies used/ implemented during the mining.	C	<p>Zibulo Colliery implements and maintains a certified Environmental Management System (ISO 14001: 2015), verifying its commitment towards best environmental practice. The SHE Policy outlines Zibulo Colliery's overarching environmental goals, which includes the continual improvement of environmental performance and the policy is signed by General Manager, demonstrating the support and commitment by top management. The SHE Policy is communicated to employees, contractors and visitors during site induction (Zibulo Environmental Induction - V5) and was observed on notice boards around the site during the inspection.</p> <p>The environmental management practices observed by the auditors during the site inspection were of a high standard, including waste management, chemical management, air quality (dust management) and water management, and Zibulo Colliery: Underground is encouraged to maintain and continue to improve its environmental performance.</p>
8.2.1.4 Pre-Construction Phase			
a)	The applicant must appoint an independent Environmental Control Officer (ECO) who will monitor contractors, compliance with EMP and EA (see 8.2.2. Management of the activity for more details).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.
b)	The applicant must provide all contractors and sub-contractors with a copy of Environmental Management Programme and Environmental Authorisation prior to the mining activities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.
c)	All pre-construction phase mitigation measures as outlined in the Environmental Management Programme attached in Environmental Impact Assessment report must be adhered to at all times.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.
d)	In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
e)	Appropriate notification sign must be erected at the construction sites, warning the public (residents, visitors etc.) about the hazards around the construction site and presence of heavy vehicles and machinery.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.
f)	Construction must include design measures that allow surface and subsurface movement of water along the drainage lines so as not to impede natural surface and subsurface water flow, and drainage measures must promote the dissipation of stormwater runoff.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.
g)	Construction areas (e.g. material lay down areas), topsoil and subsoil must be protected from contamination or pollution. Stockpiling must not take place in drainage lines or areas where it will impede surface water runoff.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). During the site inspection, no soil stockpiles were observed at Zibulo Colliery: Underground Mining.
h)	If any soil contamination is noted at any phase of the proposed activity (ies), the contaminated soil must be removed to a licensed waste disposal facility and the site must be rehabilitated to the satisfaction of the Department and Department of Water and Sanitation. The opportunity for the onsite remediation and re-use of contaminated soil must be investigated prior to the disposal and this Department must be informed in this regard.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.
<i>8.2.1.5. Access Roads and Traffic Impact</i>			
a)	Necessary signage and traffic measures must be implemented for safe and convenient access to the site from adjacent roads.	C	During the site inspection, signage was observed on the access road adjacent to the Zibulo Colliery: Underground entrance, indicating the movement of construction vehicles and the speed limit.
b)	Access roads must be well maintained throughout the mining operation.	C	During the site inspection, access roads were observed to be in good condition and appeared to be well maintained.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2.1.6. Air Quality Management			
a)	Proper measures must be put in place to suppress dust in order to minimize nuisance conditions.	C	Zibulo Colliery: Underground undertakes water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation. No dust pollution was observed in the areas covered by this EA.
b)	Stockpiles must be at an acceptable height at all time.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). During the site inspection, no soil stockpiles were observed at Zibulo Colliery: Underground Mining.
c)	A speed restriction of 40km/h must be enforced and monitored on site for all mine vehicles.	C	During the site inspection signage indicating a speed limit of 40 km/ hr was observed around site. The auditors were also informed of the 40 km/ hr speed limit during site induction.
8.2.1.7. Proliferation of Alien Species			
a)	All construction equipment and vehicles must be cleaned before entering and leaving the site to reduce the chances of spreading weeds and invasive species.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.
b)	Alien species must be managed in terms of National Environmental Management: Biodiversity Act.	C	During the site inspection, no alien species were observed at the Zibulo Colliery: Underground Mining operations.
8.2.1.8. Noise			
a)	Construction / mining activities must be limited to normal working hours.	C	Construction activities at Zibulo Colliery: Underground are undertaken during a day shift (06h00 – 18h00) and a night shift (18h00 - 06h00). Thungela has obtained confirmation from the DMPR that this condition cannot be amended through email communication dated 09 October 2025.
b)	Mine vehicles must be serviced as per the manufacturer's specifications and be fitted with standard silencers prior to beginning of construction.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: Underground is currently in the operational phase.
8.2.1.9. Erosion Control Measures			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
a)	All soil surfaces compacted as a result of mining/ construction activities must be ripped, and imported materials must be removed.	C	During the site inspection, no instances of soil compaction or related concerns were noted.
b)	Any erosion channel developed during mining/ construction period or during vegetation establishment must be restored to a proper condition.	C	During the site inspection, no erosion was observed in relation to the authorised activities.
c)	All surfaces must be managed to minimize and or avoid erosion.	C	All surfaces were observed to be stable and no erosion was observed in relation to the authorised activities during the site inspection.
8.2.1.10. Excavation Activities			
a)	Topsoil must be stripped and stockpiled prior to excavation in a designated area.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). During the site inspection, no soil stockpiles or topsoil stripping was observed at Zibulo Colliery: Underground Mining.
b)	Under no circumstances should material stockpiles be disposed of outside the boundary of the EA area.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). During the site inspection, no soil stockpiles or topsoil stripping was observed at Zibulo Colliery: Underground Mining.
8.2.1.14. Waste Management			
a)	General waste must be kept in containers which are wind, water and scavenger proof, and disposed of at a permitted landfill site. No temporary dumping and littering of waste is allowed on site.	C	Zibulo Colliery: Underground Mining manages waste in accordance with the "Zibulo Colliery Waste Management Procedure" (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which includes the requirements for waste disposal and records keeping. General waste is collected by Fortchportch (Pty) Ltd, who hold a Certificate of Approval issued by Emalahleni Local Municipality Environmental and Waste Management (Permit number. Env 001/2025, dated 22 January 2025). General waste is disposed at Phola Landfill Site, which is a licensed waste disposal facility.
b)	No waste must be disposed of through burying and burning.	C	Zibulo Colliery manages waste in accordance with the "Zibulo Colliery Waste Management Procedure" (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which includes the requirements for waste separation at source, the use of colour coded waste receptacles with signage indicating the waste type, waste disposal and records keeping. During the site inspection, no evidence of waste burning or burying was noted.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
c)	All hazardous waste must be disposed of at an official registered site or be removed by registered hazardous waste contractors.	C	Zibulo Colliery manages waste in accordance with the " <i>Zibulo Colliery Waste Management Procedure</i> " (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which includes the requirements for waste disposal and records keeping. Hazardous waste is collected by Fortchportch (Pty) Ltd - COD to be disposed of at Holfontein and a Safe Disposal Certificate (certificate no. 240906000100002826663, dated 30 January 2025) was provided to the auditors for verification. Holfontein is a licenced Hazardous Waste Disposal Facility, as verified in the "Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs.
d)	An emergency preparedness plan to address any pollution incidents (i.e such as oil spillage etc) that occur on site must be developed.	C	The " <i>Zibulo Colliery Emergency Preparedness Procedure</i> " (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements.
8.2.1.12. Surface and Groundwater Contamination must be prevented and/or mitigated by implementation of the following conditions			
a)	Specific area must be demarcated for fuelling, workshop services. And such areas must be banded to reduce the possibility of soil and water contamination.	C	During the site inspection, no concerns regarding demarcation and bunding of fuelling and workshop services were noted.
b)	Irrespective of the nature of a spillage (whether major or minor), all spillages must be cleaned up as soon as they occur.	T/N	No hydrocarbon spills were observed on site during the site inspection. The Zibulo Colliery: Underground Mining's <i>Emergency Preparedness Procedure</i> (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements.
c)	Spillage of petrochemical products must be avoided. In the case of accidental spillage, contaminated soil must be removed for bioremediation or disposed of at a facility for the substance concerned. Disturbed land must be rehabilitated and seeded with vegetation seed naturally occurring on site.	C	The " <i>Zibulo Colliery Emergency Preparedness Procedure</i> " (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well removal of hazardous waste generated during clean-up. No hydrocarbon spills were observed on site during the site inspection. The remediation actions taken on site include the removal of contaminated soil, storage in hazardous waste receptacles and the collection and disposal at a hazardous landfill site.
8.2.1.13. Fire Prevention and Management			
a)	Maintain fire breaks at all times.	C	Zibulo Colliery reported that firebreaks are established around the mine to manage veld fires. Fires are managed in accordance with the " <i>Zibulo Colliery Emergency Preparedness Procedure</i> " (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) .

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
b)	Fire extinguishers that are in good working conditions must be made available at all times for their usage during the occurrence of accidental fires.	C	During the site inspection, adequate serviced fire extinguishers were available throughout the site, with labels indicating the date of inspection and signature of the inspector.
c)	Workers must be adequately trained in the handling of firefighting equipment.	C	<i>Certificates of Competency</i> issued by Ambu Training, dated 10 May 2023 were availed to the auditors to verify the employees that successfully completed the Emergency Marshall training and are competent in the handling of firefighting equipment.
d)	Open fires must strictly be prohibited.	C	Zibulo Colliery reported that open fires are not permitted on the site and communication was undertaken through toolbox talks.
e)	Smoking must be prohibited in the vicinity of flammable substances.	C	Zibulo Colliery reported that smoking is prohibited in the vicinity of flammable materials and smoking is limited to the designates smoking areas, as communicated to the auditors during site induction. Smoking signs were observed at the designated smoking areas during the site inspection.
f)	Cooking and heating fires must be permitted only in designated areas with appropriate safety measures.	C	Zibulo Colliery: Underground reported that cooking and heating fires is not permitted on the site and has been communicated to site personnel through toolbox talks.
8.2.1.14. Stormwater Management			
a)	Storm water management plan must be developed in terms of the applicable regulations, and implemented on site.	C	The " <i>Update of the Surface Water Flood Risk Management Plan and Stormwater Management Plan: Zibulo Colliery</i> " (Doc. No. 20140910-338698-1; dated January 2021), compiled by Golder (Pty) Ltd, is implemented at Zibulo Colliery: Underground. No concerns regarding bank instability or excessive levels of silt entering the stream as a result of vegetation clearance and/or soil compaction was noted during the site inspection.
8.2.1.15. Safety			
a)	Potentially hazardous area must be demarcated with danger tape or cones.	C	During the site inspection, hazardous areas such as excavations were demarcated with danger tape, construction netting and warning signage.
b)	Appropriate signage must be placed to caution employees and contractors not to attempt to enter certain structures without being authorised.	C	During the site inspection, hazardous areas such as excavations were demarcated with danger tape, construction netting and warning signage.
8.2.1.16. Emergency Response Plan			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
a)	An Emergency Response Plan should be available for accidental spills and firefighting during both construction and operation of the project.	C	The "Zibulo Colliery Emergency Preparedness Procedure" (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well as the internal and external reporting requirements.
b)	In the event of emergency, the holder must notify the department within 24hrs, and contact relevant emergency services in the area.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground. The "Zibulo Colliery Emergency Preparedness Procedure" (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements. Zibulo Colliery reported that no significant, reportable spillages occurred during the audit period (August 2024 - July 2025).
c)	All significant pollution incidents must be reported to this Department within forty eight (48) hours of occurrences.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground. The "Zibulo Colliery Emergency Preparedness Procedure" (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements. Zibulo Colliery reported that no significant, reportable spillages occurred during the audit period (August 2024 - July 2025).
8.2.1.18. Compliance with Other Legislation			
a)	The National Environmental Management Act, 1998 (Act 107 of 1998), with particular reference to the principles in chapter 2 of the said Act.	T/N	Zibulo Colliery has demonstrated sufficient evidence of the application of the National Environmental Management Principles to their activities and activities. The SHE Policy outlines Zibulo Colliery's overarching environmental goals, which includes the continual improvement of environmental performance and is signed by the General Manager, demonstrating the support and commitment by top management.
b)	The National Water Act, 1998 (Act 36 of 1998), with particular reference to the sections pertaining to mining in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses.	T/N	The DW&S issued Zibulo Colliery opencast mining with Water Use Licences which authorises all water use activities identified at the site in terms of Section 21 of the National Water Act (Act 36 of 1998).
c)	The National Environmental Management Air Quality Act (Act 36 of 2004), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by prospecting activities, into the atmosphere.	T/N	Zibulo Colliery: Opencast implements the "Air Quality Management Plan for the Zibulo Colliery" (Ref No. 20AAC13, dated May 2022) compiled by Airshed at the mine. Additionally, the Colliery undertakes monthly dust fallout monitoring as well as ambient air quality monitoring and report their annual emissions on the NAEIS.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
d)	The Conservation of Agriculture Resources Act, 1983 (Act 43 of 1983), with particular references to the sections pertaining to soil conservation.	T/N	During the audit it was confirmed that the appropriate necessary measures are taken to ensure that Zibulo Colliery complies with the requirements of the Conservation of Agriculture Resources Act (Act 43 of 1983),
e)	The National Heritage Resources Act, 1989 (Act No 25 of 1999), with particular reference to the protection of all historical and pre-historical cultural remains.	T/N	During the audit it was confirmed that the appropriate necessary measures are taken to ensure that Zibulo Colliery complies with the requirements of the National Heritage Resources Act (Act No 25 of 1999).
f)	The Mine Health and Safety Act, 1996 (Act 29 of 1996) in conjunction with the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), with particular reference to those sections and regulations pertaining to health and safety at mines; mining within 100 m from structures (silos), that must be protected; as well as those sections pertaining to rehabilitation of the surface.	T/N	During the audit it was confirmed that the appropriate necessary measures are taken to ensure that Zibulo Colliery complies with the requirements of the Mine Health and Safety Act (Act 29 of 1996)
g)	All provisions of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and any other applicable legislation must be adhered to by the holder of this Authorisation.	N/A	Since Zibulo Colliery is a mine, the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) is not applicable to it.
h)	The National Environmental Management Waste Act (Act No. 59 of 2008).	T/N	During the audit it was confirmed that the appropriate necessary measures will be taken to ensure that Zibulo Colliery: Underground complies with the requirements of the Waste Act (Act No. 59 of 2008).
i)	All other legislation, regulations, guidelines or by-laws applicable.	T/N	During the audit it was confirmed that the appropriate necessary measures will be taken to ensure that Zibulo Colliery: Underground complies with the requirements of the Waste Act (Act No. 59 of 2008).
8.2.1.19. Liability of the holder of this Authorisation			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
a)	The competent authority shall not be held responsible for any damages or losses suffered by the holder or his/her successor in title in any instance where reclamation/ construction or operation subsequent to construction are to be temporarily or permanently stopped for reasons of non-compliance by the holder with conditions of approval as set out in the document or any other subsequent document emanating from this Authorisation. The holder shall be responsible for all the costs necessary to comply with the above condition unless otherwise specified.	T/N	Condition has been noted and accepted by Zibulo Colliery: Underground.
b)	Any complaint from the public during the life of mine must be attended to by the holder of this Authorisation as soon as possible to the satisfaction of parties concerned.	T/N	Zibulo Colliery: Underground reported that complaints are handled in accordance with the "Zibulo Colliery Stakeholder Communication and Complaints Reporting Procedure" (Doc No. ZIB-ENV-PRO-0834, dated 12 June 2015). No complaint was recorded within audit period (August 2024 - July 2025).
c)	The contractor must ensure that serviceable ablution facilities are available for employees. It is the responsibility of the holder of the Authorisation to see to it that this condition is adhered to.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
8.2.2 Management of the Activity			
a)	A copy of an Environmental Authorisation and Environmental Management Programme must always be available on site so as to monitor compliance with conditions outlined in both the documents. Both documents must be used as on-site reference document during the life of mine.	NC 011	A copy of the EA is available on Zibulo Colliery's SharePoint system and was made available to the auditors upon request. However, the associated EMPr was not made available to the auditors. As compliance cannot be assumed, the auditors cannot make a compliant finding for this condition.
b)	The approved Environmental Management Programme (attached to the BAR) must be adhered to during the life of the mine.	NC 011	The associated EMPr was not made available to the auditors. As compliance cannot be assumed, the auditors cannot make a compliant finding for this condition.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
c)	All duties and responsibilities as outlined in the Environmental Management Programme attached are binding throughout the life of the mine.	NC 011	The associated EMPr was not made available to the auditors at the time of the audit. As compliance cannot be assumed, the auditors cannot make a compliant finding for this condition.
d)	Any proposed amendments to the Environmental Management Programme (as a result of this authorisation or otherwise) must be submitted in writing to this Department for approval prior to the amendment being implemented. On approval of the proposed amendment the EMP must be accordingly amended and adhered to.	T/N	Zibulo Colliery: Underground indicated that no amendments to the EMPr were undertaken during the audit period (August 2024 - July 2025).
8.2.3 Appointment Environmental Control Officer			
a)	An Environmental Control Officer must be appointed, who will monitor and ensure compliance and correct implementation of all mitigation measures and provisions stipulated in the Environmental Authorisation and Environmental Management Programme, prior to any commencement of mining activities on site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
b)	The Environment Control Officer appointed must monitor the construction of the infrastructure to ensure that the layout plans are in accordance to the designs and record important findings of the site inspection.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
c)	The Environment Control Officer must also monitor the implementation of specific elements of the Environmental Management Programme by contractors.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
d)	All duties and responsibilities as outlined in the Environmental Management Programme attached are binding throughout the life of project/ mine.	NC 011	The EMPr was not provided to the auditors at the time of the audit. Therefore, it could not be determined whether Zibulo Colliery: Underground complies with the duties and responsibilities outlined in the EMPr throughout the life of the mine.
8.2.4. Site Closure and Decommissioning			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
a)	The commissioning and decommissioning of individual activity within the overall listed mining activity must take place within the phases and timeframes as set out in EMPr.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
b)	The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
c)	All mitigation measures for the decommissioning phase, as outlined in the EA. The holder of EA must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment and completion of the operation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
8.3. MONITORING			
a)	This Department reserves the right to monitor and audit the activity to ensure compliance with legislation and the conditions stipulated in this authorisation.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground.
b)	It is the holder of this Authorisation's responsibility to ensure that an ongoing management and monitoring of the impacts of the activity on the environment throughout the life of the mine is put into practice.	NC 011	The EMPr was not provided to the auditors at the time of the audit and this is the first time this EA is audited. Therefore, it could not be determined whether ongoing management and monitoring of environmental impacts throughout the life of the mine, in relation to this EA and associated EMPr, are being implemented accordingly.
8.4. RECORDING AND REPORTING TO THE DEPARTMENT			
a)	The authorisation holder must submit an annual environmental audit report during the operation of the activity, unless otherwise requested by the department. The audit must convey the following:	NC 012	No prior annual environmental audit was undertaken for this EA. There were no records of any audit history available at the time of the audit. Compliance with this condition can therefore only be assessed going forward.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
b)	The date in which the audit was carried out.	NC 012	No prior annual environmental audit was undertaken for this EA. There were no records of any audit history available at the time of the audit. Compliance with this condition can therefore only be assessed going forward.
c)	The outcome of the audit, in relation to the conditions stipulated in the environmental authorisation and the EMPr as well as the actions taken to mitigate environmental impacts on site.	NC 012	No prior annual environmental audit was undertaken for this EA. There were no records of any audit history available at the time of the audit. Compliance with this condition can therefore only be assessed going forward.
d)	Records of monitoring and/or auditing must be made available for inspection to this Department and any other relevant authority inspecting the development activities.	NC 012	No prior annual environmental audit was undertaken for this EA. There were no records of any audit history available at the time of the audit. Compliance with this condition can therefore only be assessed going forward.
e)	Records relating to compliance and non-compliance with the conditions of this authorisation must be kept in good order. Such records shall be made available to this Department within seven (7) days of receipt of a written request by the Department. Environmental compliance will further be monitored through complaints received from the public.	NC 012	No prior annual environmental audit was undertaken for this EA. There were no records of any audit history available at the time of the audit. Compliance with this condition can therefore only be assessed going forward.
f)	All records relating to the implementation of the Environmental Management Programme must be kept in the office where it is safe and can be retrievable.	NC 011	It is unclear as to whether records relating to the implementation of the Environmental Management Programme are available and retrievable as the associated EMPr has not been provided to the auditors. No evidence was provided that records relating to the implementation of the EMPr are kept.
8.5. NON-COMPLIANCE			
a)	In the event of non-compliance by any contractor during the construction/operation of the authorized activity, the holder of this Authorisation will be liable.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
b)	The holder shall be responsible for all costs necessary to comply with the above conditions unless otherwise specified.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground.
c)	The holder must in the event of non-compliance with any condition of this Authorisation inform the Regional Manager of Mpumalanga region of this Department, in writing, within forty-eight (48) hours .	NC 010	No non-compliances were reported, in writing, within forty-eight (48) hours during the audit period (August 2024 - July 2025).
d)	Non-compliance to this authorisation is an offence as provided for in terms of the National Environmental Management Act, 1998, Section 49(a) and Regulation 48. Any conviction of such offence may result in Section 49(a) being enforced.	T/N	The condition is noted and accepted by Zibulo Colliery: Underground.
9. APPEAL OF AUTHORISATION			
9	The holder of the authorisation must notify every registered interested and affected party, in writing and within fourteen (14) days of receiving the Department's decision. The notification must-	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
a)	Specify the date on which the Authorisation was issued.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
b)	Inform the registered interested and affected parties of the appeal procedure provided for in Chapter 2 of the National Appeal Regulation of 2014.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
c)	Advise the interested and affected parties that a copy of the Authorisation and reasons for the decision will be furnished on request.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
d)	An appeal against the decision must be lodged in terms of Chapter 2 of the National Appeal Regulations of 2014.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)

TABLE 6: ZIBULO NORTH SHAFT PROJECT INTEGRATED ENVIRONMENTAL AUTHORIZATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) AS AMENDED READ WITH THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 AS AMENDED REGARDING AN AMENDMENT APPLICATION IN RESPECT OF THE FARM STRATHFONTEIN 252 IR, FARM SMITHFIELD 44 IS, FARM LEEUFONTEIN 219 IR, AND STRAFFONTEIN 252 IR, WITHIN THE MAGISTERIAL DISTRICT OF WITBANK: MPUMALANGA REGION; DATED 29 MARCH 2023 WITH DMRE REFERENCE NO. (MP) 30/5/1/2/3/2/1/(305) EM.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8. CONDITIONS			
8.1. STANDARD CONDITIONS			
8.1.1	Authorisation of the activity is subject to the conditions contained in this Authorisation, which forms part of the Environmental Authorisation and are binding on the holder of the Authorisation.	T/N	Zibulo Colliery: North Shaft understand that their activities are subject to the conditions of the Environmental Authorisation (EA) (MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) and the Environmental Management Programme (EMPr) approved therein. Zibulo Colliery: North Shaft appointed an Environmental Specialist and Environmental Officer to give effect to, and ensure compliance with the conditions of the EA and EMPr. Additionally, Zibulo Colliery: North Shaft appoints an external service provider to conduct annual compliance audits of its EA and EMPrs. The auditors were provided with the most recent annual external audit report titled " <i>Zibulo Colliery: North Shaft Annual External Environmental Performance Assessment Report (2023/ 2024)</i> " compiled by NTC Group (Pty) Ltd.
8.1.2	All issues raised by interested and affected parties must be taken into consideration during mining. Mitigation measures must be implemented to reduce negative impacts on the environment.	C	The issues raised by the Interested and Affected Parties have been incorporated into the EMPr which is approved in the EA (MP 30/5/1/2/3/2/1/(305) EM). The conditions of the EMPr are implemented on site and has been audited as part of the current annual external environmental audit. The results of the EMPr audit are provided in Table 2 of this report.
8.1.3	All comments by other state departments and agencies must be adhered to.	C	The comments raised by state departments and agencies have been incorporated into the EMPr which is approved in the EA (MP 30/5/1/2/3/2/1/(305) EM). The conditions of the EMPr are implemented on site and has been audited as part of the current annual external environmental audit. The results of the EMPr audit are provided in Table 2 of this report.
8.1.4	The holder of the Authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of Authorisation.	C	Zibulo Colliery: North Shaft agents, subcontractors and employees are required to attend site induction training prior to contract commencement. <i>The Zibulo Environmental Induction - V5</i> was availed to the auditors, and provides requirements regarding environmental good practice and topics related to the EA and EMPr conditions. Zibulo Colliery: North Shaft appointed WSP (Pty) Ltd as an independent ECO to implement and monitor compliance with the conditions of the EA and EMPr during the construction phase, as verified in the notification letter dated 05 May 2024 and addressed to the DMRE " <i>Notification of the ECO Appointment for the Construction Activities at Zibulo North Shaft</i> ". The ECO conducts weekly and monthly inspections and submits inspection reports to Zibulo Colliery: North Shaft.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.1.5	Any changes to, or deviations from, the project description set out in this Authorisation must be approved, in writing, by the Department before such deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the Regulations.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No changes to, or deviations from the project description occurred during the audit period (August 2024 - July 2025).
8.1.6	Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/or telephonic details, including the transfer of this authorisation, the applicant must in writing notify the Regional Manager of this Department, within fourteen (14) days of the above specific change.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No changes to contact details, responsible person, physical/ postal address, telephonic details, or transfer of this EA occurred during the audit period (August 2024 - July 2025).
8.1.7	A copy of this authorisation must be kept on site. The Authorisation must be produced to any Government official(s) who may request to see it for inspection purposes and must be made available to the contractor(s) / subcontractor(s) authorised to undertake work at the property.	C	A hard copy of the EA was available during the audit and an electronic copy is available on Zibulo Colliery's Box System. All appointed contractors have been provided with a copy of the EA.
8.1.8	This authorisation does not negate the holder of the Authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.	T/N	The requisite Environmental Authorisation in terms of the National Environmental Management Act (NEMA) (Act 107 of 1998) for activities undertaken by Zibulo Colliery: North Shaft have been obtained, and no unauthorised activities were observed during the site inspection. Zibulo Colliery: North Shaft's water use activities have been authorised by the Department of Water and Sanitation (DW&S) in terms of Section 21 of the National Water Act (NWA) (Act 36 of 1998) and a Water Use Licences (WUL Ref. 06/B20E/CAJICIGI/12435, dated 30 October 2022) which was amended on 26 July 2024 has been issued.
8.1.9	After an appeal period has expired and no good course to extend the appeal period has been submitted in accordance with Chapter 2 of the National Appeal Regulations of 2014, a thirty (30) day written notice must be given to the Department that the activity will commence. Commencement for the purpose of this condition includes site preparation. The notice must include a date to which it is anticipated that the activity will commence.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2. SPECIFIC CONDITIONS			
8.2.1. Commissioning of the Activity			
8.2.1.1	This Authorisation is hereby sorely granted for the additional mining activity on the farm Strathfontein 252 IR, farm Smithfield 44 IS, farm Leeuwfontein 219 IR, farm Zondagfontein 253 IR, farm Colnge 34 IS, farm Welgelegen 221 IR situated within the magisterial district of Delmas: Mpumalanga region.	C	Zibulo Colliery: North Shaft is currently in construction phase, and all related activities are undertaken on the properties authorised in the EA, as verified during the site inspection.
8.2.1.2	The activity may not commence without the necessary permits/ licenses/ approvals and/or service agreements, where it is relevant, from or with the relevant regulatory authorities whether national, provincial or local.	T/N	<p>The requisite Environmental Authorisation in terms of NEMA (Act 107 of 1998) for activities undertaken Zibulo Colliery: North Shaft has been obtained (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) and includes the approved EMPr, <i>Thungela Anglo American Inyosi Coal Propriety Ltd EMPr for Zibulo North Shaft Project</i> (June 2022).</p> <p>Zibulo Colliery: North Shaft's water use activities have been authorised by the Department of Water and Sanitation (DW&S) in terms of Section 21 of the NWA (Act 36 of 1998) and a Water Use Licences (WUL Ref. 06/B20E/CAJICGI/12435, dated 30 October 2022) which was amended on 26 July 2024 has been issued. No unauthorised activities or water uses were noted during the audit and site inspection.</p>
8.2.1.3	The construction of all infrastructure must be done in accordance to the approved EIAR and EMPR.	C	Zibulo Colliery: North Shaft understand that construction must be undertaken in accordance with the conditions of the EMPr approved in the EA (MP 30/5/1/2/3/2/1/(305) EM dated 29 March 2023). Zibulo Colliery: North Shaft appointed WSP (Pty) Ltd as an independent ECO to implement and monitor compliance with the conditions of the EA and EMPr during the construction phase, as verified in the notification letter dated 05 May 2024 and addressed to the DMRE " <i>Notification of the ECO Appointment for the Construction Activities at Zibulo North Shaft</i> ". The ECO conducts weekly and monthly inspections and submits inspection reports to Zibulo Colliery: North Shaft.
8.2.1.4	Construction within the site must be carried out under the supervision of a professional Civil Engineer, registered under the Engineering Profession of South Africa Act, 2000 (Act 46 of 2000) and in line with approved designs.	C	Zibulo Colliery: North Shaft appointed Zutari (Pty) Ltd as the Civil Engineering Contractor to oversee construction at the site. The auditors were provided with the certificate of registration of Zutari's onsite Professional Engineer, Ivan Jonathan Jenkins, issued by the Engineering Council of South Africa (Certificate No. 20190841, dated 07 August 2019).
8.2.1.5	The site, or any portion thereof must be covered and maintained in such a way that: <ul style="list-style-type: none"> - Prevents the formation of pools, and or damming due to rain. - Allows free surface runoff of rain-water. - Prevents the contamination of storm water. - Result to minimal or no erosion. 	C	The auditors were provide with Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024) compiled by Zutari (Pty) Ltd, which provide the layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			order. Stormwater is being well managed around the site and construction areas and no concerns regarding water damming or erosion were noted.
8.2.1.6	The company must apply the principle of best practicable environmental option for all technologies used/ implemented during the project.	C	<p>Zibulo Colliery implements and maintains a certified Environmental Management System (ISO 14001: 2015), verifying its commitment towards best environmental practice. The SHE Policy outlines Zibulo Colliery's overarching environmental goals, which includes the continual improvement of environmental performance and the policy is signed by General Manager, demonstrating the support and commitment by top management. The SHE Policy is communicated to employees, contractors and visitors during site induction (<i>Zibulo Environmental Induction - V5</i>) and was observed on notice boards around the site during the site inspection.</p> <p>The environmental management practices observed by the auditors during the site inspection were of a high standard, including waste management, chemical management, air quality (dust management) and water management, and Zibulo Colliery: North Shaft is encouraged to maintain and continue to improve its environmental performance.</p>
8.2.1.7. Pre-Construction Phase			
8.2.1.7.1	The applicant must appoint an independent Environmental Control Officer (ECO) who will monitor contractors, compliance with EIAR and EMPR together with the Environmental Authorisation.	C	Zibulo Colliery: North Shaft appointed WSP (Pty) Ltd as the independent ECO to implement and monitor compliance with the conditions of the EA and EMPr during the construction phase. The appointment was verified in the notification letter submitted to the DMRE " <i>Notification of the ECO Appointment for the Construction Activities at Zibulo North Shaft</i> " (dated 05 May 2024), signed by Zibulo Colliery's Head of Mineral, Property Rights and Permitting.
8.2.1.7.2	The applicant must provide all contractors and sub-contractors with a copy of EIAR and Environmental Management Programme, Environmental Authorisation, Specialist Studies and all other permits obtained from other State Departments prior to the mining activities.	C	Zibulo Colliery: North Shaft reported that all appointed contractors have been provided with a copy of the EA and EMPr via Aconex on 06 November 2023 (Ref. THZNS-TRANSMIT-001538).
8.2.1.7.3	All pre-construction phase mitigation measures as outlined in the Environmental Management Programme attached in Environmental Impact Assessment report must be adhered to at all times.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: North Shaft is in the final stages of construction, with operational activities already underway.
8.2.1.7.4	In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).	C	Zibulo Colliery: North Shaft implements a stringent PPE protocol, which was communicated to the auditors during the site induction. Employees, contractors, visitors or any person entering the site are required to comply with the PPE requirements, and all persons observed during the site inspection were wearing the correct PPE. Zibulo Colliery: North Shaft requires all contractors to maintain a PPE register to record the PPE issued to their employees, and a sample of such registers was provided for verification, " <i>Jedd Civil's PPE Issuing Register</i> " (Doc Ref. HSE-FRM-019, effective date 2021).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2.1.7.5	Appropriate notification sign must be erected at all sites affected by this amendment warning the public (residents, visitors etc.) about the hazards that may occur.	C	During the site inspection, signage indicating safety risks and prohibiting unauthorised entry was observed at the mine entrance and internally throughout the site.
8.2.1.7.6	Construction must include design measures that allow surface and subsurface movement of water along the drainage lines so as not to impede natural surface and subsurface water flow, and drainage measures must promote the dissipation of stormwater runoff.	C	The auditors were provide with Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024) compiled by Zutari (Pty) Ltd, which provide the layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. The construction of the clean and dirty stormwater management system and associated infrastructure was completed and in place during the audit period (August 2024 - July 2025). No surface drainage, flow and ponding issues were observed during the site inspection.
8.2.1.7.7	Construction areas, topsoil and subsoil must be protected from contamination or pollution. Stockpiling must not take place in drainage lines or areas where it will impede surface water runoff.	C	The <i>Topsoil Strip Layout</i> (Doc No. ZNSFS-CED-DRW-Z01-0002, dated 21 January 2022), compiled by Zutari (Pty) Ltd was availed to the auditors and provides the layout and location for the stockpiles. During the site inspection, stockpiles were located in the approved, designated areas, away from drainage lines, and no evidence of contamination or potential pollution of stockpiles was noted.
8.2.1.7.8	If any soil contamination is noted at any phase of the proposed activity (ies), the contaminated soil must be removed to a licensed waste disposal facility and the site must be rehabilitated to the satisfaction of this Department and Department of Water and Sanitation. The opportunity for the onsite remediation and re-use of contaminated soil must be investigated prior to the disposal and this Department must be informed in this regard.	C	During the site inspection, no hydrocarbon spillage were observed throughout the site. However, the <i>Zibulo North Shaft Environmental Incident Register</i> dated 02 September 2025, reported the occurrence of three (3) minor incidents (non reportable) of soil contamination during the audit period (August 2024 - July 2025). Zibulo North Shaft indicated that the remedial actions implemented on the site include the removal of the contaminated soil, storage in hazardous waste receptacles and subsequent collection and disposal at a hazardous landfill site. The collection and disposal of hazardous waste was verified in the " <i>Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip</i> " (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the " <i>Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility</i> " (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. Further hazardous waste collection records such as the " <i>Waste manifest document and dangerous goods declaration</i> " (Doc No. LEZ/008/2025, dated 29 April 2025), confirmed the collection of hazardous waste from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Holfontein. Additionally the auditors were provided with the Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs.
8.2.1.8. Access Roads and Traffic Impact			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2.1.8.1	Necessary signage and traffic measures must be implemented for safe and convenient access to the site from adjacent roads.	C	During the site inspection, signage was observed on the access road adjacent to the Zibulo Colliery North Shaft Colliery entrance, indicating the movement of construction vehicles and the speed limit.
8.2.1.8.2	Access roads must be well maintained throughout the mining operation.	C	During the site inspection, access roads and adjacent berms were observed to be in good condition and appeared to be well maintained. The ECO conducts weekly and monthly inspections of the implementation and compliance with the conditions of the EA and EMPr, which includes erosion monitoring.
8.2.1.9. Air Quality Management			
8.2.1.9.1	The recommendations outlined in the Air Quality Study must be strictly adhered to.	C	The <i>Ambient Air Quality Impact Study</i> (Doc Ref. 0820-P005-GEO Zibulo AQIS, dated 03 December 2020), compiled by Geovion was availed to the auditors. The recommendations provide measures for dust management and the requirements for undertaking continued dust fall out monitoring. Zibulo Colliery: North Shaft implements the recommendations by water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation. Additionally, the site undertakes Dust Fallout Monitoring.
8.2.1.9.2	Proper measures must be put in place to suppress dust in order to minimize nuisance conditions.	C	Zibulo Colliery: North Shaft implements water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation.
8.2.1.9.3	A speed restriction of 40km/h must be enforced and monitored on site for all mine vehicles.	C	During the site inspection signage indicating a speed limit of 40 km/ hr was observed around site. The auditors were also informed of the 40 km/ hr speed limit during site induction.
8.2.1.10. Proliferation of Alien Species			
8.2.1.10.1	All construction equipment and vehicles must be cleaned before entering and leaving the site to reduce the chances of spreading weeds and invasive species.	NC 013	Cleaning of construction equipment and vehicles entering and leaving the site to reduce the spread of AIPs was not undertaken during the audit period (August 2024 - July 2025). Zibulo Colliery: North Shaft reported that ongoing eradication is undertaken at the site to manage and prevent the spread of AIPs. The <i>"Alien Vegetation Management Plan for Zibulo Colliery: North Shaft"</i> (Doc No 41104759, dated March 2024), compiled by WHP (Pty) Ltd provides guidance on the management and eradication of AIPs. At the time of the inspection, a team was observed actively removing alien vegetation.
8.2.1.11. Noise			
8.2.1.11.1	Recommendations set out in the Noise Report must be strictly adhered to.	T/N	The <i>"Environmental Noise Impact Assessment (ENIA) for Zibulo North Shaft Project (November 2020)"</i> compiled by EnviroRoots (Pty) Ltd, recommends that quarterly environmental noise monitoring of disturbing and nuisance noise be done according to the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the methodology in SANS 10103: 2008: <i>"The Measurement and Rating of Environmental Noise with Respect to Annoyance and to Speech Communication"</i> . Additionally, where

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			<p>noise levels exceed the limit, the noise source must be identified and mitigation measures must be recommended and implemented. The latest quarterly environmental noise assessment report was provided in "<i>Zibulo North Shaft Project Environmental Noise Assessment Report</i>" (Doc No.ZNSEX-ENV-RPT-V02-0004, dated August 2024), compiled by Ventgiene and fully aligns with the ENIA (November 2020) recommendations.</p> <p>R1-R8 receptor noise levels were above 61 dBA (except R7) and the source of noise was determined to arise from activities occurring outside of the Zibulo Colliery: North Shaft Project, i.e. trucks passing by and farms (animal noise, farm machinery and farm workers). Additional measurements were taken at receptors S1 and S2 located on the construction site boundary. S1 was below 61 dBA, while S1 exceeded by 7 dBA, with the source of noise attributed to the site access control area and construction activities. However, the level of measurement confidence was low for all receptors due to strong wind conditions which affects sound wave propagation, and resulting in inaccurate measurements. The report also recommends that quarterly environmental noise monitoring continue during all project phases and additional mitigation measures be implemented to further reduce noise. The measures recommended are currently implemented onsite, as verified during the audit and site inspection.</p>
8.2.1.11.2	Construction activities must be limited to normal working hours (06h00 – 18h00).	C	Construction activities at Zibulo Colliery: North Shaft are undertaken during a day shift (06h00 – 18h00) and a night shift (18h00 - 06h00), and as such do not comply with the prescribed normal working hours (06h00 – 18h00). Thungela has obtained confirmation from the DMPR that this condition cannot be amended through email communication dated 09 October 2025.
8.2.1.11.3	Mine vehicles must be fitted with standard silencers prior to beginning of construction.	NC 014	No evidence was available during the audit to verify that mine vehicles were fitted with standard silencers prior to beginning of construction.
8.2.1.12. Erosion Control Measures			
8.2.1.12.1	All soil surfaces compacted as a result of mining/ construction activities must be ripped, and imported materials must be removed.	C	During the site inspection, no instances of soil compaction or related concerns were noted.
8.2.1.12.2	Any erosion channel developed during mining/ construction period or during vegetation establishment must be restored to a proper condition.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes erosion monitoring. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the ENABLON system and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. No erosion incident was reported on the <i>Zibulo North Shaft Environmental Incident Register</i> dated 02 September 2025 which records incidents for the audit period

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			(August 2024 - July 2025). Additionally, no erosion was observed during the site inspection.
8.2.1.13. Excavation Activities			
8.2.1.13.1	Topsoil must be stripped and stockpiled prior to excavation in a designated area.	C	Stripping and stockpiling of topsoil prior to excavation undertaken during construction is undertaken in accordance with the conditions of the EA and EMPr. The <i>Zibulo North Shaft Overall Block Plan</i> (Doc No. ZNSEX-CED-BPL-Z01-0001_G, dated 13 October 2023), compiled by Zutari (Pty) Ltd was availed to the auditors and provides the layout and location for the stockpiles. During the site inspection, stockpiles were located in the approved, designated areas and away from drainage lines.
8.2.1.13.2	Under no circumstances should material stockpiles be disposed of outside the boundary of the mine area.	C	During the site inspection, stockpiles were located in the approved, designated areas and away from drainage lines, in accordance with the <i>Zibulo North Shaft Overall Block Plan</i> (Doc No. ZNSEX-CED-BPL-Z01-0001_G, dated 13 October 2023), compiled by Zutari (Pty) Ltd.
8.2.1.14. Waste Management			
8.2.1.14.1	General waste must be kept in containers which are wind and scavenger proof and disposed of at a permitted landfill site. No temporary dumping and littering of waste is allowed on site.	C	Zibulo Colliery: North Shaft implements waste separation at source, uses colour-coded waste receptacles with signage indicating the waste type and ensures that waste disposal records are retained. During the site inspection, waste was observed to be separated and stored in labelled, colour coded and sealed wheelie bins and skips. No littering or dumping was observed at the site. General waste collection from the site was verified in the <i>Waste Manifest Document and Dangerous Goods Declaration</i> (Doc No. LEZ/001/2025, dated 30 May 2025) which confirmed that general waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Klinkerstene Waste Park. Additionally, the waste management licence for the Klinkerstene Waste Park (Licence No. 12/9/11/L200612095516/6/R, dated 06 October 2020) was availed to the auditors. Klinkerstene Waste Park's South African Waste Information System (SAWIS) registration certificate (D08392-01) was availed to the auditors.
8.2.1.14.2	No waste must be disposed of through burying and burning.	C	The Zibulo Colliery: North Shaft indicated that waste burning or burying is prohibited on site. During the site inspection, no evidence of waste burning or burying was observed.
8.2.1.14.3	All hazardous waste must be disposed of at an official registered site, or be removed by registered hazardous waste contractors.	C	The collection and disposal of hazardous waste was verified in the " <i>Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip</i> " (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the " <i>Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility</i> " (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. Further hazardous waste collection records such as the " <i>Waste manifest document and dangerous goods declaration</i> " (Doc No. LEZ/008/2025, dated 29 April 2025), confirmed the collection of hazardous waste from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Holfontein.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			Additionally the auditors were provided with the Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs.
8.2.1.14.4	An emergency preparedness plan to address any pollution incidents (i.e such as oil spillage etc) that occur on site must be developed.	C	The <i>Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan</i> (Doc Ref. n/a dated 01 October 2023) was availed during the audit and the procedure provides the remediation actions for minor and major chemical spillages/pollution incidents that occur on site, as well as internal and external reporting requirements.
8.2.1.14.5	Waste must be dealt with in accordance with the attached specific conditions issued by the Department of Water and Sanitation (DWS). Attached as Appendix A.	N/A	Zibulo Colliery: North Shaft cannot comply with this condition as the Environmental Authorisation (Ref. MP 30/5/1/2/3/2/1 (305) EM) does not include an Appendix A, nor any waste conditions as issued by the Department of Water and Sanitation.
8.2.1.15. Surface and Groundwater Contamination Prevention			
8.2.1.15.1	Recommendations set out in the surface water report and Groundwater Report must be strictly adhered to.	C	The recommendations from the surface the <i>Zibulo Colliery North Shaft Project Surface Water Specialist Study: Baseline Hydrology and Impact Assessment</i> (Doc Ref. 303-Rep-001-Rev 2, dated May 2020), compiled by Ilanda Water Services (Pty) Ltd and the <i>Zibulo Colliery North Shaft Project: Geohydrological Study</i> (Doc Ref. Delh.2020.114-2, dated November 2021), compiled by DeltaH Water System Monitoring (Pty) Ltd have been incorporated into the EMPr which is approved in the EA (MP 30/5/1/2/3/2/1/(305) EM). The conditions of the EMPr are implemented on site and has been audited as part of the current annual external environmental audit. The results of the EMPr audit are provided in Table 2 of this report.
8.2.1.15.2	Specific area must be demarcated for fuelling, workshop services and parking areas and such areas must be bunded to reduce the possibility of soil and water contamination.	C	Zibulo Colliery: North Shaft reported that vehicles and machinery are currently serviced off-site as there are no workshops on site. Drip trays are utilised during the fuelling of vehicles and machinery to minimise the potential for soil contamination. During the site inspection no servicing of vehicles was observed at the Zibulo Colliery: North Shaft site.
8.2.1.15.3	Irrespective of the nature of a spillage (whether major or minor), all spillages must be cleaned up as soon as they occur.	C	No hydrocarbon spills were observed on site during the site inspection. The remediation actions taken on site include the removal of contaminated soil, storage in hazardous waste receptacles and the collection and disposal at a hazardous landfill site. Hazardous waste is collected by Fortchportch (Pty) Ltd - COD to be disposed of at Holfontein and a Safe Disposal Certificate (certificate no. 240906000100002826663, dated 30 January 2025) was provided to the auditors for verification. Holfontein is a licenced Hazardous Waste Disposal Facility, as verified in the " <i>Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility</i> " (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs.
8.2.1.15.4	Spillage of petrochemical products must be avoided. In the case of accidental spillage, contaminated soil must be removed for bioremediation or disposed of at a facility for the substance concerned. Disturbed land	C	The " <i>Zibulo Colliery Emergency Preparedness Procedure</i> " (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well removal of hazardous waste generated during clean-up. No hydrocarbon spills were observed on site during the site inspection. The remediation actions taken on site include the removal of contaminated soil, storage

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	must be rehabilitated and seeded with vegetation seed naturally occurring on site.		in hazardous waste receptacles and the collection and disposal at a hazardous landfill site. Hazardous waste is collected by Fortchportch (Pty) Ltd - COD to be disposed of at Holfontein and a Safe Disposal Certificate (certificate no. 240906000100002826663, dated 30 January 2025) was provided to the auditors for verification. Holfontein is a licenced Hazardous Waste Disposal Facility, as verified in the "Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. No disturbed land was observed at the time of the site inspection.
8.2.1.16. Fire Prevention and Management			
8.2.1.16.1	Fire extinguishers that are in good working conditions must be made available at all times for their usage during the occurrence of accidental fires.	C	During the site inspection, adequate serviced fire extinguishers were available throughout the site, with labels indicating the date of inspection and signature of the inspector.
8.2.1.16.2	Workers must be adequately trained in the handling of firefighting equipment.	C	<i>Certificates of Competency</i> issued by Ambu Training, dated 10 May 2023 were availed to the auditors to verify the employees that successfully completed the Emergency Marshall training and are competent in the handling of firefighting equipment.
8.2.1.16.3	Open fires must strictly be prohibited.	C	Zibulo Colliery: North Shaft reported that open fires are not permitted on the site and communication was undertaken through toolbox talks (<i>41104759 ZNS Environmental Training material final</i>).
8.2.1.16.4	Smoking must be prohibited in the vicinity of flammable substances.	C	Zibulo Colliery: North Shaft reported that smoking is prohibited in the vicinity of flammable materials and smoking is limited to the designates smoking areas, as communicated to the auditors during site induction. Smoking signs were observed at the designated smoking areas during the site inspection.
8.2.1.16.5	Cooking and heating fires must be permitted only in designated areas with appropriate safety measures.	C	Zibulo Colliery: North Shaft reported that cooking and heating fires is not permitted on the site and has been communicated to site personnel through toolbox talks (<i>41104759 ZNS Environmental Training material final</i>).
8.2.1.17. Stormwater Management			
8.2.1.17.1	Storm water management plan must be developed, and implemented on site.	C	The auditors were provide with Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024) compiled by Zutari (Pty) Ltd, which provide the layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order.
8.2.1.18. Safety			
8.2.1.18.1	Potentially hazardous area must be demarcated with danger tape.	C	During the site inspection, hazardous areas such as excavations were demarcated with danger tape, construction netting and warning signage.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2.1.18.2	Appropriate signage must be placed to caution employees and contractors not to attempt to enter certain structures without being authorised.	C	During the site inspection, hazardous areas such as excavations were demarcated with danger tape, construction netting and warning signage.
8.2.1.19. Emergency Response Plan			
8.2.1.19.1	An Emergency Response Plan should be available for accidental spills and firefighting during both construction and operation of the project.	C	The <i>Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan</i> (Doc Ref. n/a, dated 01 October 2023) was availed during the audit and outlines the procedure for responding to emergency situations, including spillages and fires.
8.2.1.19.2	In the event of emergency, the holder must notify the department within 24hrs, and contact relevant emergency services in the area.	T/N	The <i>Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan</i> (Doc Ref. n/a, dated 01 October 2023) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements. The <i>Zibulo North Shaft Environmental Incident Register</i> titled <i>Zibulo North Environmental Incidents-02092025-11</i> was reviewed by the auditors and no significant, reportable pollution incidents occurred during the audit period (August 2024 - July 2025).
8.2.1.19.3	All significant pollution incidents must be reported to this Department within forty eight (48) hours of occurrences.	T/N	The <i>Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan</i> (Doc Ref. n/a, dated 01 October 2023) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements. The <i>Zibulo North Shaft Environmental Incident Register</i> titled <i>Zibulo North Environmental Incidents-02092025-11</i> was reviewed by the auditors and no significant, reportable pollution incidents occurred during the audit period (August 2024 - July 2025).
8.2.1.20. Compliance with Other Legislation			
8.2.1.20.1	The National Environmental Management Act, 1998 (Act 107 of 1998), with particular reference to the principles in chapter 2 of the said Act.	T/N	Zibulo Colliery: North Shaft has demonstrated sufficient evidence of the application of the National Environmental Management Principles to their activities and activities. The SHE Policy outlines Zibulo Colliery's overarching environmental goals, which includes the continual improvement of environmental performance and is signed by General Manager, demonstrating the support and commitment by top management.
8.2.1.20.2	The National Water Act, 1998 (Act 36 of 1998), with particular reference to the sections pertaining to activities in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses.	T/N	The DW&S issued Zibulo Colliery: North Shaft with a Water Use Licences (WUL Ref. 06/B20E/CAJCICGI/12435, dated 30 October 2022) which authorises all water use activities identified at the site in terms of Section 21 of the National Water Act (Act 36 of 1998).
8.2.1.20.3	The issuance of this authorisation does not exempt the license holder from compliance with any other legislation including Section 40 of the National Water Act, 1998 (Act 36 of 1998).	T/N	Zibulo Colliery: North Shaft has been issued with a Water Use Licences which authorises all water use activities identified in terms of Section 21 of the National Water Act (Act 36 of 1998). The site design also includes a separation of clean and dirty water systems.
8.2.1.20.4	The National Environmental Management Air Quality Act (Act 36 of 2004), with particular reference to the sections pertaining to the liberation of dust, and other	T/N	Zibulo Colliery: North Shaft conducts monthly dust fallout monitoring at nine monitoring points. The dust fallout results (2023) provided were within the residential and non-residential limits.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	emissions, created by mining related activities (stockpile), into the atmosphere.		
8.2.1.20.5	The Conservation of Agriculture Resources Act, 1983 (Act 43 of 1983), with particular references to the sections pertaining to soil conservation.	T/N	During the audit it was confirmed that the appropriate necessary measures are taken to ensure that Zibulo Colliery: North Shaft complies with the requirements of the Conservation of Agriculture Resources Act (Act 43 of 1983),
8.2.1.20.6	The National Heritage Resources Act, 1989 (Act No 25 of 1999), with particular reference to the protection of all historical and pre-historical cultural remains.	T/N	During the audit it was confirmed that the appropriate necessary measures are taken to ensure that Zibulo Colliery: North Shaft complies with the requirements of the National Heritage Resources Act (Act No 25 of 1999).
8.2.1.20.7	The Mine Health and Safety Act, 1996 (Act 29 of 1996) in conjunction with the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), with particular reference to those sections and regulations pertaining to health and safety at mines; mining within 100 m from structures (silos), that must be protected; as well as those sections pertaining to rehabilitation of the surface.	T/N	During the audit it was confirmed that the appropriate necessary measures are taken to ensure that Zibulo Colliery: North Shaft complies with the requirements of the Mine Health and Safety Act (Act 29 of 1996)
8.2.1.20.8	All provisions of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and any other applicable legislation must be adhered to by the holder of this Authorisation.	N/A	Since Zibulo Colliery is a mine, the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) is not applicable to it.
8.2.1.20.9	The National Environmental Management Waste Act (Act No. 59 of 2008).	T/N	During the audit it was confirmed that the appropriate necessary measures will be taken to ensure that Zibulo Colliery: North Shaft complies with the requirements of the Waste Act (Act No. 59 of 2008).
8.2.1.21. Liability of the holder of this Authorisation			
8.2.1.21.1	The competent authority shall not be held responsible for any damages or losses suffered by the holder or his/her successor in title in any instance where reclamation/ construction or operation subsequent to construction are to be temporarily or permanently stopped for reasons of non-compliance by the holder with conditions of approval as set out in the document or any other subsequent document emanating from this Authorisation. The holder shall be responsible for all the costs necessary to comply with the above condition unless otherwise specified.	T/N	Condition has been noted and accepted by Zibulo Colliery: North Shaft.
b)	Any complaint from the public during the life of mine must be attended to by the holder of this Authorisation as soon as possible to the satisfaction of parties concerned.	T/N	The Zibulo North Shaft Complaint Form is available at Zibulo Colliery: North Shaft security office at the entrance of the mine and complaints received are managed in accordance with the Zibulo Colliery Stakeholder Communication and Complaints Reporting Procedure (Doc No. ZIB-ENV-PRO-0834, dated 12 June 2015). Zibulo Colliery: North

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			reported that no complaints were received from the public during the audit period (August 2024 - July 2025).
c)	The contractor must ensure that serviceable ablution facilities are available for employees. It is the responsibility of the holder of the Authorisation to see to it that this condition is adhered to.	NC 015	During the site inspection, an adequate placement of chemical toilets were observed around the site and were well maintained. However, spillages were observed at the septic tank at the Murray and Roberts laydown area.
8.2.2 Management of the Activity			
8.2.2.1	A copy of the approve EIAR and EMPR, Environmental Authorisation and all other licenses and permits must always be available on site so as to monitor compliance with conditions outlined in both the documents. All documents must be used as on-site reference document during the project duration.	C	Hard copies of the EA, EMPr and WUL were available during the audit and electronic copies are available on Zibulo Colliery's Shared Drive. All appointed contractors have been provided with a copy of the EA, EMPr and WUL.
8.2.2.2	The EIAR and EMPR (attached to the EIA Report) must be adhered to during the life of the mine.	T/N	Zibulo Colliery: North Shaft understand that it must comply with the EA and EMPR throughout the life of the mine. Zibulo Colliery: North Shaft appointed an Environmental Specialist and Environmental Officer to give effect to, and ensure compliance with the conditions of the EA and EMPr.
8.2.2.3	All duties and responsibilities as outlined in the EA are binding throughout the life of the mine.	T/N	Zibulo Colliery: North Shaft understand that it must comply with the EA and EMPR throughout the life of the mine. Zibulo Colliery: North Shaft appointed an Environmental Specialist and Environmental Officer to give effect to, and ensure compliance with the conditions of the EA and EMPr.
8.2.2.4	Any proposed amendments to the Environmental Management Programme (as a result of this authorisation or otherwise) must be submitted in writing to this Department for approval prior to the amendment being implemented. On approval of the proposed amendment the EMP must be accordingly amended and adhered to.	T/N	Condition has been noted and accepted by Zibulo Colliery North Shaft.
8.2.3 Environmental Control Officer			
8.2.3.1	An Environmental Control Officer who will monitor and ensure compliance and correct implementation of all mitigation measures and provisions stipulated in the approved EIAR and EMPR, Environmental Authorisation and all other licenses and permits, prior to any commencement of mining activities on site must be appointed.	C	Zibulo Colliery: North Shaft appointed WSP (Pty) Ltd as an independent ECO to implement and monitor compliance with the conditions of the EA and EMPr during the construction phase, as verified in the notification letter dated 05 May 2024 and addressed to the DMRE "Notification of the ECO Appointment for the Construction Activities at Zibulo North Shaft". The ECO conducts weekly and monthly inspections and submits inspection reports to Zibulo Colliery: North Shaft.
8.2.3.2	The Environment Control Officer must monitor the construction of the infrastructure to ensure that the layout plans are in accordance to the designs and record important findings of the site inspection.	C	The appointed ECO monitors the implementation and compliance with the EA and EMPr condition during weekly and monthly ECO inspections and submits the ECO inspection reports to Zibulo Colliery: North Shaft's Environmental Specialist.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2.3.3	The Environment Control Officer must also monitor the implementation of specific elements of the Environmental Management Programme by contractors.	C	The appointed independent ECO monitors the implementation of specific elements of the Environmental Management Programme by contractors by conducting ECO audits.
8.2.3.4	All duties and responsibilities as outlined in the Environmental Management Programme attached are binding throughout the life of project/ mine.	C	Zibulo Colliery: North Shaft understand that it must comply with the duties and responsibilities outlined in the EA and EMPr throughout the life of the mine. Zibulo Colliery: North Shaft appointed an Environmental Specialist (Liesel Louw) to give effect to, and ensure compliance with the conditions of the EA and EMPr.
8.2.4. Site Closure and Decommissioning			
8.2.4.1	The commissioning and decommissioning of individual activity within the overall listed mining activity must take place within the phases and timeframes as set out in EMPr.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
8.2.4.2	The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
8.2.4.3	All mitigation measures for the decommissioning phase, as outlined in the EA. The holder of EA must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment and completion of the operation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
8.3. MONITORING			
8.3.1	This Department reserves the right to monitor and audit the activity to ensure compliance with legislation and the conditions stipulated in this authorisation.	T/N	The condition is noted and accepted by Zibulo Colliery North Shaft.
8.3.2	The Environmental Mineral Resource Inspectors (EMRIs) of this Department may conduct an Inspection at any time without any appointment and inspect all parts of the approved Mining area. Please note that the conducting mining and related activities outside the approved EIA and EMPr together with the approved plan this will be considered as non-compliance and a notice will be issued to the company in terms of Section 31L of NEMA.	T/N	The condition is noted and accepted by Zibulo Colliery North Shaft.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.3.3	It is the holder of this Authorisation's responsibility to ensure that an ongoing management and monitoring of the impacts of the activity on the environment throughout the life of the mine is put into practice.	C	Zibulo Colliery: North Shaft understands that ongoing monitoring and management of their activities must be undertaken throughout the life of the mine, including compliance to the conditions of the EA (MP 30/5/1/2/3/2/1/(305) EM dated 29 March 2023 and approved EMPr, WUL and any legal and other requirements that are or become applicable. In order to facilitate ongoing environmental management, Zibulo Colliery: North Shaft appointed an Environmental Specialist and Environmental Officer to give effect to, and ensure compliance with the conditions of the EAs, EMPrs, WUL and any other applicable environmental legal requirements, monitor and manage environmental impacts and implement appropriate mitigation measures as well as best practice initiatives. Additionally, Zibulo Colliery: North Shaft implements and maintains a certified Environmental Management System (ISO 14001: 2015), verifying its commitment towards continual improvement of environmental performance.
8.3.4. Water Monitoring			
8.3.4.1	Recommendation sited in the specialist report must be strictly adhered to.	C	The recommendations from the surface the <i>Zibulo Colliery North Shaft Project Surface Water Specialist Study: Baseline Hydrology and Impact Assessment</i> (Doc Ref. 303-Rep-001-Rev 2, dated May 2020), compiled by Ilanda Water Services (Pty) Ltd and the <i>Zibulo Colliery North Shaft Project: Geohydrological Study</i> (Doc Ref. Delh.2020.114-2, dated November 2021), compiled by DeltaH Water System Monitoring (Pty) Ltd have been incorporated into the EMPr which is approved in the EA (MP 30/5/1/2/3/2/1/(305) EM). The conditions of the EMPr are implemented on site and has been audited as part of the current annual external environmental audit. The results of the EMPr audit are provided in Table 2 of this report.
8.3.4.2	The company must implement ground water monitoring on quarterly basis in order to quantify impacts on ground water resources during construction, operation and decommissioning phases.	C	Zibulo Colliery: North Shaft undertakes quarterly ground water monitoring in accordance with their approved WUL (WUL No. 06/B20E/CAJJCICGI/12435, dated 30 October 2022). The results of the quarterly groundwater monitoring undertaken by Aquatico (Pty) Ltd were provided for the audit period (August 2024 - July 2025) in the Zibulo North Shaft Water Quality Monitoring Reports.
8.3.4.3	Early warning leachate detection system, seepage interception trenches as well as controls shall be put in place to minimise the impacts of pollution and to allow timely control of contamination incidents.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
8.3.4.4	In the event that the ground water and downstream users are affected by migration of pollution from the mine residue deposits the company shall compensate such affected water users with portable water as directed by the responsible authority.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
8.3.4.5	The groundwater monitoring (quality and quantity) must be extended to cover both upstream and	C	The monitoring network was expanded to include Zibulo Colliery: North Shaft as detailed in the " <i>Thungela Anglo American Inyosi Coal Proprietary Limited Monitoring and Auditing</i>

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	upstream and downstream of the mine residue deposits historic and expansion areas.		<i>Plan Zibulo North Shaft Project</i> " (July 2022). Zibulo Colliery: North Shaft appointed Aquatico Laboratories (Pty) Ltd to conduct surface and groundwater sampling and quality analysis and the auditors were provided with the " <i>Zibulo North Shaft Water Quality Monitoring Report Q3: Jul-Sep 2024</i> ", " <i>Zibulo North Shaft Water Quality Monitoring Report Q4: October - December 2024</i> ", the " <i>Zibulo North Shaft Water Quality Monitoring Report Q1: Jan-Mar 2025</i> " and the " <i>Zibulo North Shaft Water Quality Monitoring Report Q2: April - June 2025</i> ". The additional monitoring boreholes have been drilled.
8.3.4.6	The groundwater monitoring (quality and quantity) must be extended to cover shallow monitoring boreholes adjacent to the existing ones to monitor the effects of mine residue deposits facility on the shallow aquifer.	C	The monitoring network was expanded to include Zibulo Colliery: North Shaft as detailed in the " <i>Thungela Anglo American Inyosi Coal Proprietary Limited Monitoring and Auditing Plan Zibulo North Shaft Project</i> " (July 2022). Zibulo Colliery: North Shaft appointed Aquatico Laboratories (Pty) Ltd to conduct surface and groundwater sampling and quality analysis and the auditors were provided with the " <i>Zibulo North Shaft Water Quality Monitoring Report Q3: Jul-Sep 2024</i> ", " <i>Zibulo North Shaft Water Quality Monitoring Report Q4: October - December 2024</i> ", the " <i>Zibulo North Shaft Water Quality Monitoring Report Q1: Jan-Mar 2025</i> " and the " <i>Zibulo North Shaft Water Quality Monitoring Report Q2: April - June 2025</i> ". The additional monitoring boreholes have been drilled.
8.3.4.8	The applicant must develop groundwater remediation plan to ensure that the corrective measures are implemented for the identified pollution. The plan must be submitted to the Department of Water and Sanitation for approval.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
8.3.5. Detection Monitoring			
8.3.5.1	Monitoring for groundwater quality must be considered for variables listed as per the EIAR on quarterly basis or such frequency as may be determined by the responsible authority.	C	Zibulo Colliery: North Shaft undertakes groundwater quality monitoring for the variables listed as per the EIAR on a quarterly basis. Based on the " <i>Zibulo North Shaft Water Quality Monitoring Report Q3: Jul-Sep 2024</i> ", " <i>Zibulo North Shaft Water Quality Monitoring Report Q4: October - December 2024</i> ", the " <i>Zibulo North Shaft Water Quality Monitoring Report Q1: Jan-Mar 2025</i> " and the " <i>Zibulo North Shaft Water Quality Monitoring Report Q2: April - June 2025</i> ", the groundwater quality monitoring results were recorded for September 2024, December 2024, March 2025 and June 2025.
8.3.6. Investigative Monitoring			
8.3.6.1	If, in the opinion of the responsible authority, a water quality variable listed under the detection monitoring programme, shows an increasing trend, the license holder shall initiate a monthly monitoring programme until such a time that the variable is within acceptable limits confirmed by the responsible authority.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
8.3.7. Methods of Analysis			
8.3.7.1	The License Holder shall carry out all tests in accordance with methods prescribed by and obtainable from the South African Bureau of Standards	C	Zibulo North makes use of Aquatico Laboratory (Pty) Ltd, a SANAS accredited laboratory and the tests are carried out in accordance with methods prescribed by and obtainable from the South African Bureau of Standards (SABS).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	(SABS), referred to in the standards Act, 2008 (Act 08 of 2008), to analyse the samples taken under the monitoring programmes.		
8.3.7.2	The License Holder shall only use another method of analysis if written proof that the method is at least equivalent to the SABS method and is confirmed by the responsible authority.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
8.4. RECORDING AND REPORTING TO THE DEPARTMENT			
8.4.1. Auditing			
8.4.1.1. Audits and Inspections			
8.4.1.1.1	The responsible authority reserves the right to audit and/ or inspect the site at any time and at such a frequency as the responsible authority may decide, or to have the site audited or inspected.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
8.4.1.1.2	The License Holder must make any records or documentation available to the responsible authority upon request, as well as any other information the responsible authority may require.	T/N	The condition is noted and accepted by Zibulo Colliery :North Shaft.
8.4.2. Reporting			
8.4.2.1. Reporting of Incidents			
8.4.2.1.1	The License Holder must, within 24 hours, notify the responsible authority of the occurrence or detection of any incident on the site which has the potential to cause or has caused water pollution.	T/N	The Zibulo Colliery: North Shaft Project Environmental " <i>Emergency Preparedness and Response Plan</i> " (Doc Ref. n/a, dated 01 October 2023) was availed during the audit and outlines the procedure for clean-up of minor and major spillages, as well the internal and external reporting requirements. The Zibulo North Shaft Environmental Incident Register for the audit period was reviewed by the auditors and no significant, reportable pollution incidents occurred during the audit period (August 2024 - July 2025).
8.4.2.1.2	The license holder must, within 14 days, or a shorter period of time, if specified by the responsible authority, from the occurrence of detection of any incident to the responsible authority to measures taken to:		
8.4.2.1.2.1	Correct the impact resulting from the incident.		
8.4.2.1.2.2	Prevent the incident from causing any further impacts.		
8.4.2.1.2.3	Prevent a recurrence of a similar incident.		
8.4.2.1.3	In the event that measures have not been implemented within 21 days to address impacts caused by the incident or measures which have been implemented are inadequate, the responsible authority may implement the necessary measures at the cost and risk of the license holder.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. The Zibulo North Shaft Environmental Incident Register for the audit period was reviewed by the auditors and no significant, reportable pollution incidents occurred during the audit period (August 2024 - July 2025).
8.4.3. Other Reports			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.4.3.1	The information required in terms of water monitoring must be reported to the responsible authority in a yearly report. The information must also be included into a trend report, which must contain a graphical presentation of all monitoring results of obtained previously, as well as an interpretation and discussion of the reports of each monitoring occasion.	C	Zibulo Colliery: North Shaft submits the water quality reports to the DW&S in accordance with the requirements of the WUL(WUL Ref. 06/B20E/CAJCICGI/12435, dated 30 October 2022). The submitted water quality results include a trend report, which contains a graphical presentation of all monitoring results obtained previously, as well as an interpretation and discussion of the reports of each monitoring occasion.
8.4.3.2	The license holder must submit a written report to the responsible authority regarding any deviations from described in this authorisation and must obtain written permission from the responsible authority before such deviations may be implemented.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No deviations in relation to this authorisation were initiated during the audit period.
8.4.3.3	The authorisation holder must submit an annual environmental audit report during the operation of the activity, unless otherwise requested by the department. The audit must convey the following:	C	Zibulo Colliery: North Shaft appoints an external service provider to conduct annual compliance audits of its Environmental Authorisations and EMPr. The auditors were provided with the most recent annual external audit report titled " <i>Zibulo Colliery: North Shaft Annual External Environmental Performance Assessment Report (2023 - 2024)</i> " compiled by NTC Group (Pty) Ltd. The audit report was submitted on 31 January 2025 via email to the DMRE case officer Mashudu Maduka and evidence of this submission was provided for verification.
8.4.3.3.1	The date in which the audit was carried out.	C	The most recent annual external audit report titled " <i>Zibulo Colliery: North Shaft Annual External Environmental Performance Assessment Report (2023/ 2024)</i> " compiled by NTC Group (Pty) Ltd availed during the audit included the date the audit was conducted.
8.4.3.3.2	The outcome of the audit, in relation to the conditions stipulated in the environmental authorisation and the EMPr as well as the actions taken to mitigate environmental impacts on site.	C	The outcome of the audit in relation to the conditions stipulated in the EA and EMPr is included in this report, which presents the current " <i>Annual External Environmental Performance Assessment Report (PAR) for Thungela Zibulo Colliery: North Shaft</i> " (2023 - 2024), compiled by NTC (Pty) Ltd. An Action Plan is included in Section 5 of the PAR, which tables the proposed corrective/preventative measures, responsible persons and a target dates that was provided by Zibulo Colliery: North Shaft to address the non-compliances recorded in the PAR. Evaluation of the effectiveness of the implementation of corrective actions will be carried out during the next external environmental audit.
8.4.3.4	Records of monitoring and/or auditing must be made available for inspection to this Department and any other relevant authority inspecting the development activities.	T/N	The condition is noted and accepted by Zibulo Colliery North Shaft.
8.4.3.5	Records relating to compliance and non-compliance with the conditions of this authorisation must be kept in good order. Such records shall be made available to this Department within seven (7) days of receipt of a written request by the Department. Environmental	T/N	The condition is noted and accepted by Zibulo Colliery North Shaft.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	compliance will further be monitored through complaints received from the public.		
8.4.3.6	All records relating to the implementation of the Environmental Management Programme must be kept in the office where it is safe and can be retrievable.	C	Zibulo Colliery: North Shaft's appointed Environmental Officer provided evidence to demonstrate that records relating to the implementation of the Environmental Management Programme are kept on site and on the online Box system where they are safely stored and can be retrievable.
8.5. NON-COMPLIANCE			
8.5.1	In the event of non-compliance by any contractor during the construction/operation of the authorized activity, the holder of this Authorisation will be liable.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
8.5.2	The holder shall be responsible for all costs necessary to comply with the above conditions unless otherwise specified.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
8.5.3	The holder must in the event of non-compliance with any condition of this Authorisation inform the Regional Manager of Mpumalanga region of this Department, in writing, within forty-eight (48) hours.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
8.5.4	Non-compliance to this authorisation is an offence as provided for in terms of the National Environmental Management Act, 1998, Section 49(a) and Regulation 48. Any conviction of such offence may result in Section 49(a) being enforced.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
9. APPEAL OF AUTHORISATION			
9.1	The holder of the authorisation must notify every registered interested and affected party, in writing and within fourteen (14) days of receiving the Department's decision. The notification must:	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
9.1.1	Specify the date on which the Authorisation was issued.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
9.1.2	Inform the registered interested and affected parties of the appeal procedure provided for in Chapter 2 of the National Appeal Regulation of 2014.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
9.1.3	Advise the interested and affected parties that a copy of the Authorisation and reasons for the decision will be furnished on request.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
9.2	An appeal against the decision must be lodged in terms of Chapter 2 of the National Appeal Regulations of 2014.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)

TABLE 7: THUNGELA ZIBULO NORTH SHAFT PROPRIETY LIMITED FINAL ENVIRONMENTAL IMPACT REPORT (EIR) AND ENVIRONMENTAL MANAGEMENT PROGRAMME (EMPR) FOR ZIBULO NORTH SHAFT PROJECT; DATED JUNE 2022 WITH DMRE REFERENCE NO. MP 30/5/1/2/2/305 MR

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1. PRE-CONSTRUCTION AND CONSTRUCTION PHASE			
1.1. EXTENSION OF UNDERGROUND MINE WORKINGS AND CONSTRUCTION OF DECLINE SHAFT BOX CUT			
1.1.1. Soils, Land Use and Land Capability			
1.1.1.1	The topsoil from the box-cut area will be stripped and stockpiled at a topsoil stockpiling area.	C	Stripped topsoil from the box-cut area is stockpiled at the designated topsoil stockpile area. Stripping and stockpiling of topsoil from the box-cut area is undertaken prior to excavation in accordance with the conditions of the EA and EMPr. The ECO conducts weekly and monthly inspections of implementation and compliance with the EA and EMPr, which includes stockpile management. The <i>Zibulo North Shaft Overall Block Plan</i> (Doc No. ZNSEX-CED-BPL-Z01-0001_G, dated 10 July 2024) and <i>Topsoil Strip Layout</i> (Doc No. ZNSFS-CED-DRW-Z01-0002, dated 21 January 2022), compiled by Zutari (Pty) Ltd., was availed to the auditors and provides the layout and location for the stockpiles. During the site inspection, stockpiles were located in the approved, designated areas, away from drainage lines with no evidence of contamination or potential pollution.
1.1.1.2	The topsoil stockpile will not exceed a height of five meters, which will assist in minimizing compaction of the soils.	C	The topsoil stockpiles appeared to be below the 5 m height restriction based on the auditor's visual inspection.
1.1.1.3	The stockpiled topsoil will be seeded with a recommended seed mix to ensure that a good vegetation cover is achieved, if the natural seed-back doesn't create sufficient cover.	C	Stockpiling of topsoil is undertaken in accordance with the <i>Thungela Rehabilitation Standard</i> (Doc No. TR.TECH.TS.025, dated 08 November 2021) and the requirements include a height limit of 5 m, a minimum slope ratio of 1:3 and vegetation establishment using the recommended seed mix of <i>Digitaria eriantha</i> , <i>Chloris gayana</i> , <i>Cynodon dactylon</i> and <i>Eragrostis tef</i> . During the site inspection, vegetation cover on the topsoil stockpiles was extensively established and the unvegetated sections observed had no erosion.
1.1.1.4	No mixing of the topsoil material with subsoil, softs (clean overburden) and hard overburden material (contaminated overburden) will be allowed.	C	Stripping of stockpiling of topsoil is undertaken in accordance with the <i>Thungela Resources Rehabilitation Guideline</i> (Doc No. TR.TECH.TS.025.GL.1, dated 01 December 2021), by stripping the topsoil layer (100 – 300 mm) and removing this to the designated topsoil stockpiling area. The <i>Topsoil Strip Layout</i> (Doc No. ZNSFS-CED-DRW-Z01-0002, dated 21 January 2022), compiled by Zutari (Pty) Ltd. was availed to the auditors and provides the layout and location for the topsoil stockpiles. During the site inspection, topsoils were stockpiled within the designated areas and no mixing of topsoil and overburden was observed.
1.1.1.5	In cases where compaction and/or erosion does occur, action plans should be implemented to apply mitigation.	T/N	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes erosion monitoring. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the <i>Zibulo Colliery Incident and Non-Conformance Reporting Procedure</i> (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			the incident onto the Environmental Management System Electronic Database (EMSED) and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. According to the Zibulo North Shaft Environmental Incident Register for the audit period titled <i>Zibulo North Environmental Incidents-02092025-11</i> , no erosion incident occurred during the audit period (August 2024 - July 2025). No erosion was observed during the site inspection.
1.1.2. Surface Water			
1.1.2.1	The storm water diversion structures will be constructed in accordance with the project's civil designs approved by the DWS, which shows the storm water management systems' silt control and erosion protection.	C	The auditors were provide with Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, which provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order.
1.1.2.2	Areas that are stripped will be optimised to limit unnecessary stripping.	C	Topsoil is removed using defined techniques in accordance with the <i>Thungela Rehabilitation Standard (Doc No. TR.TECH.TS.025, dated 08 November 2021)</i> , which include developing a topsoil plan which stipulates the required depth of topsoil removal, undertaking topsoil removal in a phased approach prior to the commencement of construction, limiting topsoil removal to winter months as far as reasonably practicable and avoiding topsoil stripping during high wind conditions.
1.1.2.3	Storm water from upslope of the stripped areas will be diverted around these areas to limit the amount of storm water flowing over from these areas.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order.
1.1.2.4	The timing of the topsoil stripping will be optimised to limit the time between stripping and construction. Where practical constraints exist and areas need to be left stripped for long periods, contour ploughing, or ripping could reduce run-off and hence reduce erosion.	C	Topsoil is removed using defined techniques in accordance with the <i>Thungela Rehabilitation Standard (Doc No. TR.TECH.TS.025, dated 08 November 2021)</i> , which include developing a topsoil plan which stipulates the required depth of topsoil removal, undertaking topsoil removal in a phased approach prior to the commencement of construction, limiting topsoil removal to winter months as far as reasonably practicable and avoiding topsoil stripping during high wind conditions.
1.1.2.5	Dry season construction is preferable where practical.	C	Topsoil is removed using defined techniques in accordance with the <i>Thungela Rehabilitation Standard (Doc No. TR.TECH.TS.025, dated 08 November 2021)</i> , which include developing a topsoil plan which stipulates the required depth of topsoil removal, undertaking topsoil removal in a phased approach prior to the commencement of construction, limiting topsoil removal to winter months as far as reasonably practicable and avoiding topsoil stripping during high wind conditions.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.1.2.6	The construction site will be optimised to limit over stripping. This will ensure that the generation of unnecessary volumes of silted water is controlled on site.	C	Topsoil is removed using defined techniques in accordance with the <i>Thungela Rehabilitation Standard (Doc No. TR.TECH.TS.025, dated 08 November 2021)</i> , which include developing a topsoil plan which stipulates the required depth of topsoil removal, undertaking topsoil removal in a phased approach prior to the commencement of construction, limiting topsoil removal to winter months as far as reasonably practicable and avoiding topsoil stripping during high wind conditions.
1.1.2.7	The constructed storm water diversion structures will be maintained in good order, which will include the cleaning of the structures where necessary.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order.
1.1.2.8	Any damage within the constructed storm water diversion structures will be repaired as soon as possible.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes monitoring of stormwater systems and infrastructure. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814, dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. The Zibulo North Shaft Environmental Incident Register for the audit period titled <i>Zibulo North Environmental Incidents-02092025-11</i> was availed to the auditors and no incidents regarding the stormwater management and related infrastructure occurred during the audit period (August 2024 - July 2025). Furthermore, no damaged stormwater structures were observed during the site inspection.
1.1.2.9	Divert clean runoff water away from the decline shaft to minimize surface flow into the working area.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.1.2.10	Storm water diversion structures (berms and trenches) will be constructed to divert clean water runoff to the storm water systems.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed,

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.1.2.11	Areas that are to be stripped of topsoil will be optimised to limit unnecessary stripping.	C	Topsoil is removed using defined techniques in accordance with the <i>Thungela Rehabilitation Standard</i> (Doc No. TR.TECH.TS.025, dated 08 November 2021), which include developing a topsoil plan which stipulates the required depth of topsoil removal, undertaking topsoil removal in a phased approach prior to the commencement of construction, limiting topsoil removal to winter months as far as reasonably practicable and avoiding topsoil stripping during high wind conditions.
1.1.2.12	Excessive sedimentation of storm water run-off from the site will be prevented.	C	Zibulo Colliery: North Shaft's Stormwater Layout (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and Stormwater Channels General Arrangement Key Plan (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no sedimentation was noted.
1.1.2.13	Mine vehicles and machinery used during the construction phase must be well maintained.	C	The <i>Zibulo North Shaft TMM COP Requirements Procedure</i> (Doc No. n/a, dated 06 July 2023) was availed to the auditors and provides the requirements for servicing, maintaining and checking of site vehicles and equipment. Zibulo Colliery: North Shaft's mine vehicles and machinery are maintained regularly and samples of the <i>Service Schedule</i> and <i>Service Sheet</i> (Plant Nr: DE283, Machine Type: Bell B40E) were provided for verification.
1.1.3. Groundwater			
1.1.3.1	The existing procedures for containment and remediation any accidental hydrocarbon or other chemical spillages will be adhered to.	C	During the site inspection, no hydrocarbon spillage were observed throughout the site. However, the Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> , reported the one (1) minor incident (non reportable) of hydrocarbon spillage during the audit period (August 2024 - July 2025). The remediation actions provided indicate that contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site in accordance with the procedure outlined in the Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan (Doc Ref. n/a dated 01 October 2023).
1.1.3.2	Any incidents relating to hydrocarbon contamination should be investigated. If the impact is perceived to be significant, a hydrocarbon contamination specialist should be consulted for further recommendations.	C	The Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> , reported the occurrence of one (1) minor incident (no significant, reportable incidents) of hydrocarbon spillages during the audit period (August 2024 - July 2025). Zibulo Colliery: North Shaft reported that the contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site in accordance with the procedure outlined in the Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan (Doc Ref. n/a dated 01 October 2023).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.1.3.3	Mine machinery will be repaired at designated areas fit for purpose. No maintenance outside the dedicated areas will be allowed unless it is an emergency repairs which must be on a protected ground or by use of drip trays.	C	Zibulo Colliery: North Shaft reported that there are no workshops on site, maintenance is undertaken off-site and that emergency repairs are undertaken using drip trays. During the site inspection, the no workshops for vehicle maintenance were observed and vehicles were observed with drip trays which effectively contained hydrocarbon spills.
1.1.3.4	All hydrocarbon liquids will be stored in leak and corrosion resistant containers. These containers will be placed in bunded areas.	C	Hydrocarbon liquids are stored in accordance with the requirements of the Zibulo Hazardous Material Handling Procedure (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. The Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> was availed to the auditors, and no spillages related to hydrocarbon liquid storage were recorded during the audit period (August 2024 - July 2025). During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.1.3.5	The containers used for the storage of hydrocarbon liquids will be maintained in good condition.	C	Hydrocarbon liquids are stored in accordance with the requirements of the <i>Zibulo Hazardous Material Handling Procedure</i> (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.1.3.6	Training, which will be in accordance with the requirements of the norms and standards for the waste storage facilities will be conducted for employees working with waste, including contractors' employees.	C	Zibulo Colliery: North Shaft reported that environmental training is provided to contractors and is conducted by the appointed WSP (Pty) Ltd ECO. A copy of the <i>Environmental Training Material</i> (Doc Ref. 41104759 ZNS) was availed to the auditors and includes the site waste management requirements. The auditors verified that waste training material aligns with the requirements of the <i>National Norms and Standards for the Storage of Waste</i> (GN No. 296 of 29 November 2013).
1.1.3.7	All spillages must be contained and the affected areas remedied. An emergency preparedness plan will be used. Where necessary, enough supply of absorbent fibre will be kept at site to contain accidental spills.	C	During the site inspection, no hydrocarbon spillage were observed throughout the site. However, the Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> , reported the occurrence of one (1) minor incident (no significant, reportable incidents) of hydrocarbon spillages during the audit period (August 2024 - July 2025). Zibulo Colliery: North Shaft reported that the contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site in accordance with the procedure outlined in the Zibulo Colliery: North Shaft Project <i>Environmental Emergency Preparedness and Response Plan</i> (Doc Ref. n/a dated 01 October 2023).
1.1.3.8	Credible waste collectors will be used for the removal of waste from the site to a registered waste disposal facility.	C	Zibulo Colliery: North Shaft manages waste as per the <i>Zibulo Colliery Waste Management Procedure</i> (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which requires waste disposal at licenced/ permitted facilities and that waste disposal records be retained. General waste collection from the site was verified in the <i>Waste Manifest Document and Dangerous Goods Declaration</i> (Doc No. LEZ/001/2025, dated 30 May 2025) which confirmed that general waste is collected from Zibulo Colliery: North Shaft by The Waste Group and

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			<p>disposed of at Klinkerstene Waste Park, a licenced facility. The waste management licence for the Klinkerstene Waste Park (Licence No. 12/9/11/L200612095516/6/R, dated 06 October 2020) was availed to the auditors. Klinkerstene Waste Park's South African Waste Information System (SAWIS) registration certificate (D08392-01) was availed to the auditors.</p> <p>The collection and disposal of the hazardous waste was verified in the "<i>Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip</i>" (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the "<i>Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility</i>" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. Further hazardous waste collection records such as the "<i>Waste manifest document and dangerous goods declaration</i>" (Doc No. LEZ/008/2025, dated 29 April 2025), confirmed the collection of hazardous waste from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Holfontein.</p>
1.1.3.9	Wash bay discharge water must flow through an oil separator.	C	An oil separator is installed to ensure that wash bay discharge water flows through the system prior to discharge.
1.1.3.10	Fuel depots and refuelling areas must be bunded.	T/N	Zibulo Colliery: North Shaft reported there is no refuelling area onsite, as verified during the site inspection. Drip trays are used when refuelling on site.
1.1.3.11	Chemicals must be stored in a central secure and bunded area.	C	Chemicals are stored in accordance with the requirements of the <i>Zibulo Hazardous Material Handling Procedure</i> (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.1.4. Natural Vegetation			
1.1.4.1	Ensure that construction activities are limited within the approved development footprint.	C	During the site inspection, construction activities were observed to be within the development footprint approved in the EA.
1.1.4.2	Stockpile removed topsoil on a topsoil stockpile area separate from clean and contaminated overburden materials.	C	Stripping of stockpiling of topsoil is undertaken in accordance with the <i>Thungela Resources Rehabilitation Guideline</i> (Doc No. TR.TECH.TS.025.GL.1, dated 01 December 2021), by stripping the topsoil layer (100 – 300 mm) and removing this to the designated topsoil stockpiling area. The <i>Topsoil Strip Layout</i> (Doc No. ZNSFS-CED-DRW-Z01-0002, dated 21 January 2022), compiled by Zutari (Pty) Ltd. was availed to the auditors and provides the layout and location for the topsoil stockpiles. During the site inspection, topsoils were stockpiled within the designated areas and no mixing of topsoil and overburden was observed.
1.1.5. Sensitive Landscapes			
1.1.5.1	A buffer zone of a minimum of 30m recommended between the North Shaft infrastructure area (which include the decline shaft) and the adjacent wetland habitat will be adhered to.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.1.5.2	All disturbance footprints will be separated from adjacent wetlands by a fence, either a security fence or as minimum a five-strand cattle fence (ideally not utilising barbed wire). The purpose of the fence is to clearly demarcate sensitive areas and prevent accidental vehicle and construction machinery access to these areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.1.5.3	All construction staff will be educated on the sensitivity of wetland areas and will be made aware of all wetland areas in close proximity to the construction sites.	C	Zibulo Colliery: North Shaft reported that environmental training is provided to contractors and is conducted by the appointed WSP (Pty) Ltd ECO. A copy of the <i>Environmental Training Material</i> (Doc Ref. 41104759 ZNS) was availed to the auditors and includes adequate information on the wetlands in proximity to the site.
1.1.5.4	Develop and implement a construction storm water management plan prior to the commencement of site clearing activities. Such a plan should aim to minimise the transport of sediment off site. Berms will be constructed to manage the silt from the construction site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
1.1.5.5. Erosion within the construction site must be minimised through the following:			
1.1.5.5.1	Limiting the area of disturbance and vegetation clearing to as small an area as possible.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.1.5.5.2	Phasing vegetation clearing activities and limiting the time that any one area of bare soil is exposed to erosion.	C	Vegetation clearing was completed prior to the audit period. Bare soils remain exposed in areas where construction activities were actively underway and the areas are stabilised once construction in each section is completed to limit bare soil's exposure to erosion. No erosion issues were observed at the time of inspection.
1.1.5.5.3	Control of stormwater flowing onto and through the site. Where required, stormwater from upslope should be diverted around the construction site.	C	Zibulo Colliery: North Shaft's Stormwater Layout (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and Stormwater Channels General Arrangement Key Plan (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, stormwater infrastructure was still under construction and adequate temporary measures were observed to divert stormwater away from construction areas, facilitate surface drainage, prevent ponding

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			and stormwater contamination. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.1.5.5.4	Prompt stabilisation and re-vegetation of soils after disturbance and construction activities in an area are complete.	C	Bare soils remain exposed in areas where construction activities were actively underway and the areas are stabilised once construction in each section is completed. Revegetation of soils is also undertaken where applicable.
1.1.5.5.5	All disturbed areas outside the direct development footprints will be rehabilitated and re-vegetated as soon as possible.	C	Bare soils remain exposed in areas where construction activities were actively underway and the areas are stabilised once construction in each section is completed. Revegetation of soils is also undertaken where applicable, as soon as possible.
1.1.5.5.6	The construction servitudes of the decline shaft will be regularly inspected for waste or littering and clean-up operations initiated if required.	NC 001	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes monitoring of waste management. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. The Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> , was availed to the auditors and no waste management incidents occurred during the audit period (August 2024 - July 2025). During the site inspection, overflowing skips resulting in waste spilling onto the ground was observed at the Murray and Roberts Construction Camp.
1.1.5.5.7	No loss of wetland habitat will be permitted outside the authorised areas.	C	Zibulo Colliery: North Shafts Overall Blockplan (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.1.5.5.8	Demarcate recommended buffer (30m buffer) over the mining plan.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.1.5.5.9	Landscape and re-vegetate all unnecessarily denuded areas as soon as possible.	C	Landscaping of disturbed areas was undertaken during the audit period.
1.1.5.6	A detailed procedure for the handling, storage and disposal of waste must be developed and fully implemented during construction.	NC 001	Zibulo Colliery: North Shaft manages waste according to the <i>Zibulo Colliery Waste Management Procedure</i> (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which requires waste separation at source, the use of colour coded waste receptacles with signage indicating the waste type, and that waste disposal records be retained. During the site

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			<p>inspection, waste separated and stored in labelled, colour coded and sealed wheelie bins and skips. However, during the site inspection, overflowing skips resulting in waste spilling onto the ground was observed at the Murray and Roberts Construction Camp, which depicts a waste storage problem.</p> <p>General waste collection from the site was verified in the "<i>Waste Manifest Document and Dangerous Goods Declaration</i>" (Doc No. LEZ/001/2025, dated 30 May 2025) which confirmed that general waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Klinkerstene Waste Park, a licenced facility. The waste management licence for the Klinkerstene Waste Park (Licence No. 12/9/11/L200612095516/6/R, dated 06 October 2020) was availed to the auditors. The collection and disposal of the hazardous waste was verified in the "<i>Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip</i>" (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the "<i>Waste Management Licence for EnviroServ Holfontein Hazardous Waste Disposal Facility</i>" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs.</p>
1.1.5.7. Fire management plan must:			
1.1.5.7.1	Be developed for wetlands located on Zibulo/Anglo owned land.	C	<p>The auditors were provided with the "<i>Thungela Resources Limited Fire Management Plan: Zibulo Colliery North Shaft</i>" (Doc No. 41104759, dated October 2024) compiled by WSP and developed in accordance with the National Veld and Forest Fire Act (NVFFA) (Act 101 of 1998) and in cognisance of relevant requirements of the NEMA (Act 107 of 1998); NEM: Biodiversity Act (NEMBA) (Act 10 of 2004); ECA (Act 73 of 1989); NWA (Act 36 of 1998); Mpumalanga Nature Conservation Act (MNCA) (Act 10 of 1998); Mpumalanga Biodiversity Sector Plan (Lötter, 2015); and the National Protected Area Expansion Strategy (2016).</p> <p>The Fire Management Plan provides a comprehensive guideline for management of fires, including fire hazard identification and prevention; fire control and mitigation measures for fires that may occur within the mine, veld and wetlands; responsibilities, monitoring and reporting for fire incidents and; stakeholder consultation and involvement.</p>
1.1.5.7.2	The recommendations of the SANBI (2014) guidelines must be considered during the compilation of such a plan and adapted according to site specific conditions.	C	<p>The auditors were provided with the "<i>Thungela Resources Limited Fire Management Plan: Zibulo Colliery North Shaft</i>" (Doc No. 41104759, dated October 2024) compiled by WSP and developed in accordance with the National Veld and Forest Fire Act (NVFFA) (Act 101 of 1998) and in cognisance of relevant requirements of the NEMA (Act 107 of 1998); NEM: Biodiversity Act (NEMBA) (Act 10 of 2004); ECA (Act 73 of 1989); NWA (Act 36 of 1998); Mpumalanga Nature Conservation Act (MNCA) (Act 10 of 1998); Mpumalanga Biodiversity Sector Plan (Lötter, 2015); and the National Protected Area Expansion Strategy (2016).</p> <p>The Fire Management Plan provides a comprehensive guideline for management of fires, including fire hazard identification and prevention; fire control and mitigation measures for</p>

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			fires that may occur within the mine, veld and wetlands; responsibilities, monitoring and reporting for fire incidents and; stakeholder consultation and involvement.
1.1.6. Aesthetics			
1.1.6.1	A perimeter berm will be constructed around the decline shaft to shield the cuts away from the affected structures.	C	A perimeter berm has been constructed around the decline shaft in accordance to this condition.
1.1.6.2	Where possible areas disturbed by construction activity, will be suitably topsoiled and vegetated as soon as is possible. The progressive rehabilitation measures will allow for the maximum growth period before the completion of the project.	C	During the site inspection, it was observed that some areas that were disturbed by construction activity were topsoiled and rehabilitated.
1.1.6.3	Limit areas of disturbance to areas where the decline shaft will be constructed or placed.	C	Zibulo Colliery: North Shafts Overall Blockplan (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.1.6.4	Dust suppression will be undertaken at all areas that will be affected by construction activities and where dust will be generated.	C	Zibulo Colliery: North Shaft implements dust suppression by means of water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation.
1.1.6.5	Avoid upwards lighting of structures but rather direct the light downwards to focus on the object to be illuminated.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. It must be noted that the site inspection was conducted during the day.
1.1.6.6	As night lighting during construction is one of the more objectionable forms of visual impact, it is important that selective and sensitive location and design of the lighting requirements for the construction camp and the mine are developed.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. It must be noted that the site inspection was conducted during the day and light pollution could not be assessed.
1.1.7. Animal Life			
1.1.7.1	The rehabilitation of the disturbed areas will be conducted such that the rehabilitated areas will encourage the migration of animals back into the rehabilitated areas.	N/A	The condition falls outside of the scope of the audit period (August 2024 - July 2025). Construction was still underway at Zibulo Colliery: North Shaft at the time of the site inspection and this condition will become applicable during rehabilitation.
1.2. CONSTRUCTION OF ACCESS ROADS			
1.2.1. Soils, Land Capability and Land Use			
1.2.1.1	The entire area will be monitored regularly for erosion as part of the road maintenance procedure.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes monitoring of erosion. ECO

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. The Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> was availed to the auditors and no incidents regarding road related erosion occurred during the audit period (August 2024 - July 2025). During the site inspection, access roads were in good condition and well maintained, with no erosion noted.
1.2.1.2	In cases where erosion does occur, action plans should be implemented to apply mitigation.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes monitoring of erosion. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. The Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> was availed to the auditors and no incidents regarding road related erosion occurred during the audit period (August 2024 - July 2025).
1.2.1.3	The construction of the roads will be undertaken within the approved footprint area.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure , access roads and site services. During the site inspection, the access roads observed were within the approved footprint.
1.2.1.4	Excess soils will be stockpiled at the topsoil stockpiling area, which will not be more than five meters high.	C	The <i>Zibulo North Shaft Overall Block Plan</i> (Doc No. ZNSEX-CED-BPL-Z01-0001_G, dated 10 July 2024) and <i>Topsoil Strip Layout</i> (Doc No. ZNSFS-CED-DRW-Z01-0002, dated 21 January 2022), compiled by Zutari (Pty) Ltd., was availed to the auditors and provides the layout and location for the stockpiles. During the site inspection, stockpiles were located in the designated areas and appeared to be below the 5 m based on the visual inspection, and this was verified in the surveyors report of the stockpile heights which was availed to the auditors during the site inspection and.
1.2.2. Topography			
1.2.2.1	The construction activities will be undertaken within the approved footprint areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.2.3. Surface Water			
1.2.3.1	Minimise the extent of hardened surfaces, to retain surface runoff in stilling ponds or retention facilities and to release these in a controlled manner including energy dissipation to avoid erosion to the receiving wetland areas.	C	Zibulo Colliery: North Shaft's Stormwater Layout (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and Stormwater Channels General Arrangement Key Plan (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.2.3.2	No loss of wetland habitat will be permitted outside the authorised areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.2.3.3	All construction vehicles will be well maintained and inspected for hydrocarbon leaks according to the maintenance schedule.	C	The <i>Zibulo North Shaft TMM COP Requirements Procedure</i> (Doc No. n/a, dated 06 July 2023) was availed to the auditors and provides the requirements for servicing, maintaining and checking of site vehicles and equipment. Zibulo Colliery: North Shaft's mine vehicles and machinery are maintained regularly and samples of the <i>Service Schedule</i> and <i>Service Sheet</i> (Plant Nr: DE283, Machine Type: Bell B40E) were provided for verification.
1.2.3.4	Construction of the roads will be limited to designated boundaries and according to the approved method statement and civil design reports and drawings.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, access roads, buildings, infrastructure and site services. During the site inspection, access roads were within the fenced site boundary and approved mining footprint.
1.2.3.5	Areas that are stripped will be optimised to limit unnecessary stripping.	C	Topsoil is removed using defined techniques in accordance with the <i>Thungela Rehabilitation Standard</i> (Doc No. TR.TECH.TS.025, dated 08 November 2021), which include developing a topsoil plan which stipulates the required depth of topsoil removal, undertaking topsoil removal in a phased approach prior to the commencement of construction, limiting topsoil removal to winter months as far as reasonably practicable and avoiding topsoil stripping during high wind conditions.
1.2.3.6	Storm water from upslope of the stripped areas will be diverted around these areas to limit the amount of storm water flowing over from these areas.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.2.4. Sensitive Landscapes			
1.2.4.1	All disturbance footprints will be separated from adjacent wetlands by a fence, either a security fence or as minimum a five-strand cattle fence (ideally not utilising barbed wire). The purpose of the fence is to clearly demarcate sensitive areas and prevent accidental vehicle and construction machinery access to these areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.2.4.2	All construction staff will be educated on the sensitivity of wetland areas and should be made aware of all wetland areas in close proximity to the construction sites.	C	Zibulo Colliery: North Shaft reported that environmental training is provided to contractors and is conducted by the appointed WSP (Pty) Ltd ECO. A copy of the <i>Environmental Training Material</i> (Doc Ref. 41104759 ZNS) was availed to the auditors and includes adequate information on the wetlands in proximity to the site.
1.2.4.3	Develop and implement a construction storm water management plan prior to the commencement of site clearing activities. Such a plan will aim to minimise the transport of sediment off site.	N/A	The condition falls outside of the scope of the audit period (August 2024 - July 2025).
1.2.4.4 Erosion within the construction site will be minimised through the following:			
1.2.4.4.1	Limiting the area of disturbance and vegetation clearing to as small an area as possible.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.2.4.4.2	Phasing vegetation clearing activities and limiting the time that any one area of bare soil is exposed to erosion.	C	During the site inspection, it was observed that some areas that were disturbed by construction activity were topsoiled and rehabilitated.
1.2.4.4.3	Control of stormwater flowing onto and through the site. Where required, stormwater from upslope will be diverted around the construction site.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.2.4.4.4	Prompt stabilisation and re-vegetation of soils after disturbance and construction activities in an area are complete.	C	During the site inspection, it was observed that some areas that were disturbed by construction activity were topsoiled and rehabilitated.
1.2.4.5	All disturbed areas outside the direct development footprints will be rehabilitated and re-vegetated as soon as possible.	C	During the site inspection, it was observed that some areas that were disturbed by construction activity were topsoiled and rehabilitated.
1.2.4.6	Regular monitoring and inspections at rehabilitated sites will be undertaken to ensure successful rehabilitation.	C	Zibulo Colliery: North Shaft indicated that regular inspections at the site are undertaken.
1.2.4.7	The construction servitudes of the roads will be regularly inspected for waste or littering and clean-up operations initiated if required.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes waste management. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. The Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> was availed to the auditors and no waste management incidents occurred during the audit period (August 2024 - July 2025). During the site inspection, waste separated and stored in labelled, colour coded and sealed wheelie bins and skips, No littering or dumping observed at the site in relation to the construction of access roads.
1.2.4.8	No loss of wetland habitat will be permitted outside the authorised areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.2.4.9	Install/construct the construction stormwater management system prior to the onset of vegetation clearing activities on the surface infrastructure footprints.	N/A	Condition does not apply to current activities of the Zibulo North Shaft Project.
1.2.4.10	Landscape and re-vegetate all unnecessarily denuded areas as soon as possible.	C	Landscaping of disturbed areas was undertaken during the audit period.
1.2.4.11	A detailed procedure for the handling, storage and disposal of waste will be developed and fully implemented during construction.	C	Zibulo Colliery: North Shaft manages waste according to the <i>Zibulo Colliery Waste Management Procedure</i> (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which requires waste separation at source, the use of colour coded waste receptacles with signage indicating the waste type, and that waste disposal records be retained. During the site

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			<p>inspection, waste separated and stored in labelled, colour coded and sealed wheelie bins and skips. No littering or dumping observed at the site.</p> <p>General waste collection from the site was verified in the Waste Manifest Document and Dangerous Goods Declaration (Doc No. LEZ/001/2025, dated 30 May 2025) which confirmed that general waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Klinkerstene Waste Park, a licenced facility. The waste management licence for the Klinkerstene Waste Park (Licence No. 12/9/11/L200612095516/6/R, dated 06 October 2020) was availed to the auditors. Klinkerstene Waste Park's South African Waste Information System (SAWIS) registration certificate (D08392-01) was availed to the auditors.</p> <p>The collection and disposal of the hazardous waste was verified in the "Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip" (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the " Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. Further hazardous waste collection records such as the "Waste manifest document and dangerous goods declaration" (Doc No. LEZ/008/2025, dated 29 April 2025), confirmed the collection of hazardous waste from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Holfontein.</p>
1.2.4.12	Fire management plan will be developed for wetlands located on Zibulo/Anglo owned land. The recommendations of the SANBI (2014) guidelines should be considered during the compilation of such a plan and adapted according to site specific conditions.	C	<p>The auditors were provided with the "Thungela Resources Limited Fire Management Plan: Zibulo Colliery North Shaft" (Doc No. 41104759, dated October 2024) compiled by WSP and developed in accordance with the NVFFA (Act 101 of 1998) and in cognisance of relevant requirements of the NEMA (Act 107 of 1998); NEMBA (Act 10 of 2004); ECA (Act 73 of 1989); NWA (Act 36 of 1998); MNCA (Act 10 of 1998); Mpumalanga Biodiversity Sector Plan (Lötter, 2015); and the National Protected Area Expansion Strategy (2016).</p> <p>The Fire Management Plan provides a comprehensive guideline for management of fires, including fire hazard identification and prevention; fire control and mitigation measures for fires that may occur within the mine, veld and wetlands; responsibilities, monitoring and reporting for fire incidents and; stakeholder consultation and involvement.</p>
1.2.5. Noise			
1.2.5.1	Construction crew will conduct toolbox talks to educate their employees and ensure that they are aware of the legislation regarding noise.	C	The WSP (Pty) Ltd ECO provides mandatory environmental induction and toolbox talks to Zibulo Colliery: North Shaft employees, contractors and visitors. The <i>Zibulo Environmental Induction - V5</i> and monthly environmental topics were availed to the auditors and includes information on noise requirements as per the EA and EMPr.
1.2.5.2	The construction companies will be wary of noise levels is working near receptors R4 – R8 and due to construction of the roads.	C	The WSP (Pty) Ltd ECO provides mandatory environmental induction to Zibulo Colliery: North Shaft employees, contractors and visitors. The <i>Zibulo Environmental Induction - V5</i> was

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			availed to the auditors and includes information on noise requirements as per the EA and EMPr.
1.2.5.3	The Environmental Co-ordinator will continuous communication with receptors R1 – R8 regarding noises and potential loud noise events.	C	The Zibulo North Shaft Complaint Form is available at Zibulo Colliery: North Shaft security office at the entrance of the mine and complaints received are managed in accordance with the Zibulo Colliery Stakeholder Communication and Complaints Reporting Procedure (Doc No. ZIB-ENV-PRO-0834, dated 12 June 2015). Zibulo Colliery: North reported that no complaints were received from the public during the audit period (August 2024 - July 2025).
1.2.5.4	A contact line will be made available to receptors should a valid noise complaint arise whereby receptors could lodge a complaint (and documented). Should a valid noise complaint be lodged, it is advised that the Environmental co-ordinator contact an acoustical consultant with experience in noise monitoring to evaluate the complaint.	T/N	The Zibulo North Shaft Complaint Form is available at Zibulo Colliery: North Shaft security office at the entrance of the mine and complaints received are managed in accordance with the Zibulo Colliery Stakeholder Communication and Complaints Reporting Procedure (Doc No. ZIB-ENV-PRO-0834, dated 12 June 2015). Zibulo Colliery: North reported that no complaints were received from the public during the audit period (August 2024 - July 2025).
1.2.5.5	Onsite noise measurements will be considered on a frequent basis, to help identify any fault or loud equipment that may require enclosures or maintenance. It will be conducted at a frequency determined by the project team or environmental coordinator.	C	<p><i>The "Environmental Noise Impact Assessment (ENIA) for Zibulo North Shaft Project (November 2020)"</i> compiled by EnviroRoots (Pty) Ltd, recommends that quarterly environmental noise monitoring of disturbing and nuisance noise be done according to the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the methodology in SANS 10103: 2008: <i>"The Measurement and Rating of Environmental Noise with Respect to Annoyance and to Speech Communication"</i>. Additionally, where noise levels exceed the limit, the noise source must be identified and mitigation measure must be recommended and implemented. The latest quarterly environmental noise assessment report was provided in <i>"Zibulo North Shaft Project Environmental Noise Assessment Report"</i> (Doc No.ZNSEX-ENV-RPT-V02-0004, dated August 2024), compiled by Ventgiene and fully aligns with the ENIA (November 2020) recommendations.</p> <p>R1-R8 receptor noise levels were above 61 dBA (except R7) and the source of noise was determined to arise from activities occurring outside of the Zibulo Colliery: North Shaft Project, i.e. trucks passing by and farms (animal noise, farm machinery and farm workers). Additional measurements were taken at receptors S1 and S2 located on the construction site boundary. S1 was below 61 dBA, while S1 exceeded by 7 dBA, with the source of noise attributed to the site access control area and construction activities. However, the level of measurement confidence was low for all receptors due to strong wind conditions which affects sound wave propagation, and resulting in inaccurate measurements. The report also recommends that quarterly environmental noise monitoring continue during all project phases and additional mitigation measures be implemented to further reduce noise. The measures recommended are currently implemented onsite, as verified during the audit and site inspection.</p>
1.2.5.6	Annual noise measurements will be conducted at receptor R2 – R8. The Environmental measurements	C	<i>The "Environmental Noise Impact Assessment (ENIA) for Zibulo North Shaft Project (November 2020)"</i> compiled by EnviroRoots (Pty) Ltd, recommends that quarterly

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	should be conducted at I&AP's i.e. farmsteads, receptors, communities.		<p>environmental noise monitoring of disturbing and nuisance noise be done according to the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the methodology in SANS 10103: 2008: "<i>The Measurement and Rating of Environmental Noise with Respect to Annoyance and to Speech Communication</i>". Additionally, where noise levels exceed the limit, the noise source must be identified and mitigation measure must be recommended and implemented. The latest quarterly environmental noise assessment report was provided in "<i>Zibulo North Shaft Project Environmental Noise Assessment Report</i>" (Doc No.ZNSEX-ENV-RPT-V02-0004, dated August 2024), compiled by Ventgiene and fully aligns with the ENIA (November 2020) recommendations.</p> <p>R1-R8 receptor noise levels were above 61 dBA (except R7) and the source of noise was determined to arise from activities occurring outside of the Zibulo Colliery: North Shaft Project, i.e. trucks passing by and farms (animal noise, farm machinery and farm workers). Additional measurements were taken at receptors S1 and S2 located on the construction site boundary. S1 was below 61 dBA, while S1 exceeded by 7 dBA, with the source of noise attributed to the site access control area and construction activities. However, the level of measurement confidence was low for all receptors due to strong wind conditions which affects sound wave propagation, and resulting in inaccurate measurements. The report also recommends that quarterly environmental noise monitoring continue during all project phases and additional mitigation measures be implemented to further reduce noise. The measures recommended are currently implemented onsite, as verified during the audit and site inspection.</p>
1.2.6. Traffic			
1.2.6.1	The D686 be surfaced from 100m south of the southern access position, up to the existing surfacing to the north.	N/A	The condition falls outside of the scope of the audit period (August 2024 - July 2025).
1.2.6.2	With regard to non-motorised and public transport, a taxi and bus Pick-up and Drop- off zone is proposed on site for the use of employees.	C	During the site inspection, public transport was observed on site for employees and a pick-up and drop-off zone has been established on site.
1.2.6.3	A Speed limit of 60km/h will be enforced, and the proposed Speed Limit Signs are to be erected on both sides of the access positions on the D686 within 200m of the proposed access road positions.	C	During the site inspection signage indicating a speed limit of 40 km/ hr was observed around site. The auditors were also informed of the 40 km/ hr speed limit during site induction.
1.2.6.4	The proposed "Heavy Vehicles" Turning Signs will be erected on both sides of the access positions on the D686 at least 100m from the proposed access road positions.	C	During the site inspection, signage was observed on the access road adjacent to the Zibulo Colliery North Shaft Colliery entrance, indicating the movement of heavy vehicles and the speed limit.
1.2.6.5	U-turn space will be provided on the site to avoid dangerous movements within the site.	C	During the site inspection, adequate space for vehicle movement was observed and no concerns regarding vehicle movement was noted.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.2.6.6	A minimum stacking space of 225m (space for nine trucks) will be provided at the proposed accesses in front of any gate or boom, to avoid queueing onto the road and disrupting the traffic.	C	During the site inspection, adequate space for vehicle movement was observed and no concerns regarding vehicle movement was noted.
1.2.6.7	Surfacing of the D686 well as the access roads will reduce the dust and increase visibility for vehicles both on the D686 and vehicles exiting the site.	N/A	The condition falls outside of the scope of the audit period (August 2024 - July 2025).
1.2.7. Aesthetics			
1.2.7.1	Where possible, areas disturbed by construction activities, will be suitably topsoiled and vegetated as soon as is possible. The progressive rehabilitation measures will allow for the maximum growth period before the completion of the project.	C	During the site inspection, it was observed that certain areas that were disturbed by construction activity were topsoiled and rehabilitated.
1.2.7.2	Limit areas of disturbance to areas where the roads will be constructed.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure, access roads and site services. During the site inspection, access roads were observed to be within the approved footprint.
1.2.7.3	Dust suppression will be undertaken at all areas that will be affected by construction activities and where dust will be generated.	C	Zibulo Colliery: North Shaft implements dust suppression by means of water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation.
1.2.7.4	Avoid upwards lighting of structures but rather direct the light downwards to focus on the object to be illuminated.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025).
1.2.7.5	As night lighting during construction is one of the more objectionable forms of visual impact, it is important that selective and sensitive location and design of the lighting requirements for the construction camp and the mine are developed.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025).
1.3. CONSTRUCTION OF SURFACE INFRASTRUCTURE			
<i>Offices, Workshops, Contractor's site, Sewage Treatment Facility, Load-out Station, Eskom Substation, Clean and Contaminated Overburden Stockpiles, Potable Water Storage Facility, Waste Storage Facility, Ventilation Shaft, Stone Dust Silo, Coal Storage area, PCD, Sumps and Diversion Structures</i>			
1.3.1. Soils, Land Capability and Land Use			
1.3.1.1	The entire area will be monitored regularly for erosion as part of the road maintenance procedure.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMP, which includes monitoring of erosion. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. The Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors and no incidents regarding road related erosion occurred during the audit period (August 2024 - July 2025). During the site inspection, access roads were in good condition and well maintained, with no erosion noted.
1.3.1.2	In cases where erosion does occur, action plans should be implemented to apply mitigation.	T/N	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes monitoring of erosion. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. The Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors and no incidents regarding road related erosion occurred during the audit period (August 2024 - July 2025).
1.3.1.3	The construction activities will be conducted within the approved footprint area.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.3.1.4	Excess soils will be stockpiled at the topsoil stockpiling area, which will not be more than five meters high.	C	The topsoil stockpiles appeared to be below the 5 m height restriction based on the auditor's visual inspection and this was verified in the surveyors report of the stockpile heights which was availed to the auditors during the site inspection.
1.3.1.5	The stockpiled topsoil will be seeded with a recommended seed mix to ensure that a good vegetation cover is achieved, should the natural seedbank not provide sufficient cover.	C	Stockpiling of topsoil is undertaken in accordance with the Thungela Rehabilitation Standard (Doc No. TR.TECH.TS.025, dated 08 November 2021) and the requirements include a height limit of 5 m, a minimum slope ratio of 1:3 and vegetation establishment using the recommended seed mix of <i>Digitaria eriantha</i> , <i>Chloris gayana</i> , <i>Cynodon dactylon</i> and <i>Eragrostis tef</i> . During the site inspection, vegetation cover on the topsoil stockpiles was extensively established and the unvegetated sections observed had no erosion. Zibulo Colliery: North Shaft reported that hydroseeding of unvegetated sections of topsoil stockpiles was undertaken.
1.3.1.6	No mixing of the topsoil material with subsoil, softs and hard overburden material will be allowed.	C	Stripping of stockpiling of topsoil is undertaken in accordance with the <i>Thungela Resources Rehabilitation Guideline</i> (Doc No. TR.TECH.TS.025.GL.1, dated 01 December 2021), by stripping the topsoil layer (100 – 300 mm) and removing this to the designated topsoil stockpiling area. The <i>Topsoil Strip Layout</i> (Doc No. ZNSFS-CED-DRW-Z01-0002, dated 21

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			January 2022), compiled by Zutari (Pty) Ltd. was availed to the auditors and provides the layout and location for the topsoil stockpiles. During the site inspection, topsoils were stockpiled within the designated areas and no mixing of topsoil and overburden was observed.
	1.3.2. Topography		
1.3.2.1	The construction activities of the above- mentioned infrastructure will be undertaken within the approved footprint areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
	1.3.3. Surface Water		
1.3.3.1	Minimise the extent of hardened surfaces, to retain surface runoff in stilling ponds or retention facilities and to release these in a controlled manner including energy dissipation to avoid erosion to the receiving wetland areas.	C	Zibulo Colliery: North Shaft's Stormwater Layout (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and Stormwater Channels General Arrangement Key Plan (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.3.3.2	Install/construct the construction stormwater management system prior to the onset of vegetation clearing activities on the surface infrastructure footprints.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
1.3.3.3	No mining activities will be allowed outside of the authorised areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.3.3.4	Ensure that no equipment is washed in the streams and washing will be undertaken at the mine's workshop area.	C	Zibulo Colliery: North Shaft reported that there are no workshops on site. During the site inspection, no workshops or vehicle washing was observed in the streams.
1.3.3.5	All construction vehicles will be well maintained and inspected regularly for hydrocarbon leaks.	C	The <i>Zibulo North Shaft TMM COP Requirements Procedure</i> (Doc No. n/a, dated 06 July 2023) was availed to the auditors and provides the requirements for servicing, maintaining and checking of site vehicles and equipment. Zibulo Colliery: North Shaft's mine vehicles and machinery are maintained regularly and samples of the <i>Service Schedule</i> and <i>Service Sheet</i> (Plant Nr: DE283, Machine Type: Bell B40E) were provided for verification.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.3.3.6	Construction of the infrastructures will be limited to designated boundaries and according to designs.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.3.3.7	In order to reduce the potential impacts associated with the introduction of contaminants dissolved or suspended in the runoff from construction sites, where practically possible, no runoff will be introduced into wetlands.	C	Zibulo Colliery: North Shaft's Stormwater Layout (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and Stormwater Channels General Arrangement Key Plan (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.3.3.8	All construction must be undertaken in line with the approved method statement and civil design reports and drawings.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were observed to be undertaken in line with the approved method statement and civil design reports and drawings.
1.3.3.9	Areas that are stripped will be optimised to limit unnecessary stripping.	C	Topsoil is removed using defined techniques in accordance with the <i>Thungela Rehabilitation Standard</i> (Doc No. TR.TECH.TS.025, dated 08 November 2021), which include developing a topsoil plan which stipulates the required depth of topsoil removal, undertaking topsoil removal in a phased approach prior to the commencement of construction, limiting topsoil removal to winter months as far as reasonably practicable and avoiding topsoil stripping during high wind conditions.
1.3.3.10	Storm water from upslope of the stripped areas will be diverted around these areas to limit the amount of storm water flowing over from these areas.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.3.3.11	Design and implement a construction storm water management plan.	C	Zibulo Colliery: North Shaft's Stormwater Layout (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and Stormwater Channels General Arrangement Key Plan (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas, with no concerns noted.
1.3.3.12	Divert clean water around the cleared area and install erosion protection measures and energy dissipaters at points of discharge.	C	Zibulo Colliery: North Shaft's Stormwater Layout (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and Stormwater Channels General Arrangement Key Plan (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.3.3.13	Where practically possible, the major earthworks will be undertaken during the dry season (roughly from April to August) to limit erosion due to rainfall runoff.	N/A	The condition falls outside of the scope of the audit period (August 2024 - July 2025). Construction commenced on 05 May 2023 which allowed for soil stripping and major earthwork activities to be concentrated in the dry season.
1.3.3.14	Cleared areas outside direct development footprint will be re- vegetated and seeded (where necessary) as soon as possible following disturbance. Priority will be given to harvesting seeds from the surrounding grasslands for seeding purposes. In the absence of such seed being available, commercial seed mixes suitable for the area will be utilised and applied via hydro-seeding.	C	During the site inspection, areas that were disturbed during construction were observed to be rehabilitated.
1.3.3.15	Regular monitoring and inspections at rehabilitated sites will be undertaken to ensure successful rehabilitation.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025). Zibulo Colliery: North Shaft is currently under construction and this condition will become applicable during the rehabilitation phase.
1.3.4. Sensitive Landscapes			
1.3.4.1	Implement storm water management plan.	C	Zibulo Colliery: North Shaft's Stormwater Layout (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and Stormwater Channels General Arrangement Key Plan (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas, with no concerns noted.
1.3.4.2	Reduce the extent of bare surfaces wherever possible by rehabilitating and revegetating them.	C	During the site inspection, bare areas that were disturbed during construction were observed to be rehabilitated.
1.3.4.3	Design of surface infrastructure areas will be optimised to minimise the size of the development	C	Zibulo Colliery: North Shafts Overall Blockplan (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	footprint and to avoid encroachment into wetland habitat.		proposed mine layout and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.3.4.4	Emergency servicing of construction vehicles will take place only in dedicated areas.	C	During the site inspection, vehicle were observed with drip trays which effectively contained hydrocarbon spills.
1.3.4.5	All disturbance footprints will be separated from adjacent wetlands by a fence, either a security fence or as minimum a five-strand cattle fence (ideally not utilising barbed wire). The purpose of the fence is to clearly demarcate the infrastructural areas from the wetland areas and prevent accidental vehicle and construction machinery access to these areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.3.4.6	Locate all temporary stockpiles, constructor's camps, laydown areas, ablution facilities etc. within the fenced off shaft footprint area.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, constructor's camps, laydown areas, buildings, infrastructure and site services etc. During the site inspection, the constructor's camps, laydown areas and ablution were located within the fenced off area and within the approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.3.4.7	All construction staff will be educated on the sensitivity of wetland areas and will be made aware of all wetland areas in close proximity to the construction sites.	C	Zibulo Colliery: North Shaft reported that environmental training is provided to contractors and is conducted by the appointed WSP (Pty) Ltd ECO. A copy of the Environmental Training Material (Doc Ref. 41104759 ZNS) was availed to the auditors and includes adequate information on the wetlands in proximity to the site.
1.3.4.8	Develop and implement a construction stormwater management plan prior to the commencement of site clearing activities. Such a plan will aim to minimise the transport of sediment off site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
1.3.4.9. Erosion within the construction site must be minimised through the following:			
1.3.4.9.1	Limiting the area of disturbance and vegetation clearing to as small an area as possible.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, constructor's camps, laydown areas, buildings, infrastructure and site services etc.. During the site inspection, the constructor's camps, laydown areas and ablution were located within the fenced off area and within the approved mining footprint and no construction or other activities were observed outside of the site boundary.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.3.4.9.2	Phasing vegetation clearing activities and limiting the time that any one area of bare soil is exposed to erosion.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
1.3.4.9.3	Control of stormwater flowing onto and through the site. Where required, stormwater from upslope will be diverted around the construction site.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.3.4.9.4	Prompt stabilisation and re-vegetation of soils after disturbance and construction activities in an area are complete.	C	During the site inspection, it was observed that certain areas that were disturbed by construction activity were topsoiled and rehabilitated.
1.3.4.10	All disturbed areas outside the direct development footprints will be rehabilitated and re-vegetated as soon as possible.	C	During the site inspection, it was observed that certain areas that were disturbed by construction activity were topsoiled and rehabilitated.
1.3.4.11	The construction servitudes will be regularly inspected for waste or littering and clean-up operations initiated if required.	NC 001	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes monitoring of waste management. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814, dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. The Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors and no waste management incidents occurred during the audit period (August 2024 - July 2025). During the site inspection, waste separated and stored in labelled, colour coded and sealed wheelie bins and skips. However, during the site inspection, overflowing skips resulting in waste spilling onto the ground was observed at the Murray and Roberts Construction Camp.
1.3.4.12	No loss of wetland habitat will be permitted outside of the authorised areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.3.5. Groundwater			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.3.5.1	Used oil will be removed immediately after vehicle servicing.	T/N	No evidence of non-compliance was observed during the site assessment. There is currently no workshops for machinery and vehicles.
1.3.5.2	All material with potential to pollute will be stored in secure facilities.	C	Hazardous Chemicals are stored in accordance with the requirements of the Zibulo Hazardous Material Handling Procedure (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. The Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors, and no spillages related to chemical storage were recorded during the audit period (August 2024 - July 2025). During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.3.5.3	Waste such as sewage will be treated at site according to accepted standards.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
1.3.5.4	Mine machinery will be repaired at designated areas fit for purpose. No maintenance outside the dedicated areas will be allowed unless it is an emergency repairs which must be on a protected ground or by use of drip trays.	C	Zibulo Colliery: North Shaft reported that there are no workshops, maintenance is undertaken off-site and that emergency repairs are undertaken using drip trays. During the site inspection, no workshops for vehicle maintenance were observed and vehicles were observed with drip trays which effectively contained hydrocarbon spills.
1.3.5.5	All hydrocarbon liquids will be stored in leak and corrosion resistant containers. These containers will be placed in bunded areas.	C	Hydrocarbon liquids are stored in accordance with the requirements of the Zibulo Hazardous Material Handling Procedure (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. The Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors, and no spillages related to hydrocarbon liquid storage were recorded during the audit period (August 2024 - July 2025). During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.3.5.6	The containers used for the storage of hydrocarbon liquids will be maintained in good condition.	C	Hydrocarbon liquids are stored in accordance with the requirements of the Zibulo Hazardous Material Handling Procedure (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. The Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors, and no spillages related to hydrocarbon liquid storage were recorded during the audit period (August 2024 - July 2025). During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.3.5.7	All spillages will be contained and the affected areas remedied. An emergency preparedness plan, which will be in line with the mine's environmental emergency plan and the norms and standards for the waste storage facilities will be used. Where necessary,	C	During the site inspection, no chemical spillage were observed throughout the site. However, the Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11, reported the occurrence six (6) minor incidents (non reportable) of hydrocarbon spillages during the audit period (August 2024 - July 2025). The remediation actions provided indicate that contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site in accordance with

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	sufficient supply of absorbent fibre will be kept at site to contain accidental spills.		the procedure outlined in the Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan (Doc Ref. n/a dated 01 October 2023).
1.3.5.8	Training for the waste storage facilities will be conducted for employees working with waste (hydrocarbon liquid), including contractors' employees.	C	Zibulo Colliery: North Shaft reported that environmental training is provided to contractors and is conducted by the appointed WSP (Pty) Ltd ECO. A copy of the <i>Environmental Training Material</i> (Doc Ref. 41104759 ZNS) was availed to the auditors and includes the site waste management requirements, as aligned with the requirements of the <i>National Norms and Standards for the Storage of Waste</i> (GN No. 296 of 29 November 2013) as well the requirements for handling and storage of hazardous materials.
1.3.5.9	Credible waste collectors will be used for the removal of waste from the site to a registered waste disposal facility.	C	<p>Zibulo Colliery: North Shaft manages waste as per the <i>Zibulo Colliery Waste Management Procedure</i> (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which requires waste disposal at licenced/ permitted facilities and that waste disposal records be retained.</p> <p>General waste collection from the site was verified in the <i>Waste Manifest Document and Dangerous Goods Declaration</i> (Doc No. LEZ/001/2025, dated 30 May 2025) which confirmed that general waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Klinkerstene Waste Park, a licenced facility. The waste management licence for the Klinkerstene Waste Park (Licence No. 12/9/11/L200612095516/6/R, dated 06 October 2020) was availed to the auditors. Klinkerstene Waste Park's South African Waste Information System (SAWIS) registration certificate (D08392-01) was availed to the auditors.</p> <p>The collection and disposal of the hazardous waste was verified in the "<i>Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip</i>" (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the "<i>Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility</i>" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. Further hazardous waste collection records such as the "<i>Waste manifest document and dangerous goods declaration</i>" (Doc No. LEZ/008/2025, dated 29 April 2025), confirmed the collection of hazardous waste from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Holfontein.</p>
1.3.6. Noise			
1.3.6.1	Construction crew will conduct toolbox talks to educate their employees and ensure that they are aware of the legislation regarding noise.	C	The WSP (Pty) Ltd ECO provides mandatory environmental induction and toolbox talks to Zibulo Colliery: North Shaft employees, contractors and visitors. The <i>Zibulo Environmental Induction - V5</i> and monthly environmental topics were availed to the auditors and includes information on noise requirements as per the EA and EMPr.
1.3.6.2	The construction companies will be wary of noise levels is working near receptors R4 – R8 and due to construction activities.	C	The WSP (Pty) Ltd ECO provides mandatory environmental induction to Zibulo Colliery: North Shaft employees, contractors and visitors. The <i>Zibulo Environmental Induction - V5</i> was availed to the auditors and includes information on noise requirements as per the EA and EMPr.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.3.6.3	The Environmental Co-ordinator will keep continuous communication with receptors R1 – R8 regarding noises and potential loud noise events.	C	The Zibulo North Shaft Complaint Form is available at Zibulo Colliery: North Shaft security office at the entrance of the mine and complaints received are managed in accordance with the Zibulo Colliery Stakeholder Communication and Complaints Reporting Procedure (Doc No. ZIB-ENV-PRO-0834, dated 12 June 2015). Zibulo Colliery: North reported that no complaints were received from the public during the audit period (August 2024 - July 2025).
1.3.6.4	A contact line will be made available to receptors should a valid noise complaint arise whereby receptors could lodge a complaint (and documented). Should a valid noise complaint be lodged, the Environmental co-ordinator contact an acoustical consultant with experience in noise monitoring to evaluate the complaint.	C	The Zibulo North Shaft Complaint Form is available at Zibulo Colliery: North Shaft security office at the entrance of the mine and complaints received are managed in accordance with the Zibulo Colliery Stakeholder Communication and Complaints Reporting Procedure (Doc No. ZIB-ENV-PRO-0834, dated 12 June 2015). Zibulo Colliery: North reported that no complaints were received from the public during the audit period (August 2024 - July 2025).
1.3.6.5	Onsite noise measurements will be considered on a frequent basis, to help identify any fault or loud equipment that may require enclosures or maintenance. It should be conducted at a frequency determined by the project team or environmental coordinator.	C	<p><i>The "Environmental Noise Impact Assessment (ENIA) for Zibulo North Shaft Project (November 2020)"</i> compiled by EnviroRoots (Pty) Ltd, recommends that quarterly environmental noise monitoring of disturbing and nuisance noise be done according to the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the methodology in SANS 10103: 2008: <i>"The Measurement and Rating of Environmental Noise with Respect to Annoyance and to Speech Communication"</i>. Additionally, where noise levels exceed the limit, the noise source must be identified and mitigation measure must be recommended and implemented. The latest quarterly environmental noise assessment report was provided in <i>"Zibulo North Shaft Project Environmental Noise Assessment Report"</i> (Doc No.ZNSEX-ENV-RPT-V02-0004, dated August 2024), compiled by Ventgiene and fully aligns with the ENIA (November 2020) recommendations.</p> <p>R1-R8 receptor noise levels were above 61 dBA (except R7) and the source of noise was determined to arise from activities occurring outside of the Zibulo Colliery: North Shaft Project, i.e. trucks passing by and farms (animal noise, farm machinery and farm workers). Additional measurements were taken at receptors S1 and S2 located on the construction site boundary. S1 was below 61 dBA, while S2 exceeded by 7 dBA, with the source of noise attributed to the site access control area and construction activities. However, the level of measurement confidence was low for all receptors due to strong wind conditions which affects sound wave propagation, and resulting in inaccurate measurements. The report also recommends that quarterly environmental noise monitoring continue during all project phases and additional mitigation measures be implemented to further reduce noise. The measures recommended are currently implemented onsite, as verified during the audit and site inspection.</p>
1.3.6.6	Annual noise measurements will be conducted at receptor R2 – R8. The Environmental measurements should be conducted at I&AP's i.e. farmsteads, receptors, communities.	C	<p><i>The "Environmental Noise Impact Assessment (ENIA) for Zibulo North Shaft Project (November 2020)"</i> compiled by EnviroRoots (Pty) Ltd, recommends that quarterly environmental noise monitoring of disturbing and nuisance noise be done according to the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the</p>

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			<p>methodology in SANS 10103: 2008: "<i>The Measurement and Rating of Environmental Noise with Respect to Annoyance and to Speech Communication</i>". Additionally, where noise levels exceed the limit, the noise source must be identified and mitigation measure must be recommended and implemented. The latest quarterly environmental noise assessment report was provided in "<i>Zibulo North Shaft Project Environmental Noise Assessment Report</i>" (Doc No.ZNSEX-ENV-RPT-V02-0004, dated August 2024), compiled by Ventgiene and fully aligns with the ENIA (November 2020) recommendations.</p> <p>R1-R8 receptor noise levels were above 61 dBA (except R7) and the source of noise was determined to arise from activities occurring outside of the Zibulo Colliery: North Shaft Project, i.e. trucks passing by and farms (animal noise, farm machinery and farm workers). Additional measurements were taken at receptors S1 and S2 located on the construction site boundary. S1 was below 61 dBA, while S2 exceeded by 7 dBA, with the source of noise attributed to the site access control area and construction activities. However, the level of measurement confidence was low for all receptors due to strong wind conditions which affects sound wave propagation, and resulting in inaccurate measurements. The report also recommends that quarterly environmental noise monitoring continue during all project phases and additional mitigation measures be implemented to further reduce noise. The measures recommended are currently implemented onsite, as verified during the audit and site inspection.</p>
1.4. COMBINED MITIGATION MEASURES			
<p><i>Access Roads, Conveyor Belt, Underground Water Pipeline; Overhead Powerlines, Offices, Workshops, Contractor's Site, Sewage Treatment Facility, Load-out Station, Eskom Substation, Clean and Contaminated Overburden Stockpiles; Potable Water Storage Facility; Waste Storage Facility; Ventilation Shaft; Stone Dust Silo; Coal Storage Area; PCD, Sumps and Diversion Structures; Extension of Underground Mine Workings; Boxcut</i></p>			
1.4.1. Sites of Archaeological and Cultural Importance			
1.4.1.1	Fence all graveyards in and have a grave management plan drafted for the sustainable preservation thereof. These include graveyards no 2 (within 1 km from the overland conveyor belt) and no 3 (within 1 km from the ventilation shaft). The grave management plan will be written by a heritage expert. This usually is done when the graves are in no danger of being damaged, but where there will be a secondary impact due to the activities of the mine.	C	The Grave Management Plan (July 2024) was availed during the audit and reported no graves were required to be removed and graves located close to the sites are fenced (along conveyor route).
1.4.1.2	Upon finding any archaeological or historical material, all work at the affected area must cease.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).
1.4.1.3	The area will be demarcated in order to prevent any further work there until an investigation has been completed.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).

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1.4.1.4	An archaeologist will be contacted immediately to provide advice on the matter.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).
1.4.1.5	Should it be a minor issue, the archaeologist will decide on future action, which could include adapting the HIA or not. Depending on the nature of the find, it may include a site visit.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).
1.4.1.6	If needed, the necessary permit will be applied for with SAHRA. This will be done in conjunction with the appointed archaeologist.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).
1.4.1.7	The removal of such archaeological material will be done by the archaeologist in lieu of the approval given by SAHRA, including any conditions stipulated by the latter.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).
1.4.1.8	Work on site will only continue after removal of the archaeological/ historical material was done.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).
1.4.1.9	Access will be provided to the families of the grave sites identified within the project area. Regulated visitor hours will be implemented that is compatible with mine safety rules.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).
1.4.1.10	The families of the grave sites identified within the project area currently have access to these areas. Should alternatives to access the cultural heritage sites be identified during commencement of the project, the families will be notified.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No archaeological or historical material was uncovered for the audit period (August 2024 - July 2025).
1.4.2. Traffic Impact			
1.4.2.1	A Speed limit of 60km/h will be enforced, and the proposed speed limit signs are to be erected.	C	During the site inspection signage indicating a speed limit of 40 km/ hr was observed around site. The auditors were also informed of the 40 km/ hr speed limit during site induction.
1.4.2.2	Traffic will be restricted to demarcated areas and traffic volumes and speeds within the shaft complex construction site will be controlled.	C	During the site inspection signage indicating a speed limit of 40 km/ hr was observed around site. The auditors were also informed of the 40 km/ hr speed limit during site induction.
1.4.3. Palaeontology			
1.4.3.1	If any palaeontological material is exposed during clearing, digging, excavating, drilling or blasting SAHRA must be notified. All construction activities must be stopped, a 30 m no-go barrier constructed and a palaeontologist should be called in to determine proper mitigation measures.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No palaeontological material was uncovered for the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.4.3.2	Should further fossil material be discovered during the course of the development (e. g. during bedrock excavations), this must be safeguarded, where feasible in situ, and reported to a palaeontologist or to the Heritage Resources authority. In situations where the area is considered palaeontological sensitive (e. g. Karoo Supergroup Formations, ancient marine deposits in the interior or along the coast) the palaeontologist might need to monitor all newly excavated bedrock. The developer needs to give the palaeontologist sufficient time to assess and document the finds and, if necessary, to rescue a representative sample.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No palaeontological material was uncovered for the audit period (August 2024 - July 2025).
1.4.3.3	A Section 37(2) agreement of the Occupational, Health and Safety Act 85 of 1993 must be signed with the relevant contractors to protect the environment (fossils) and adjacent areas as well as for safety and security reasons.	C	Zibulo Colliery: North Shaft reported that a Section 37(2) agreement of the Occupational, Health and Safety Act (Act 85 of 1993) has been signed with the contractors.
1.4.4. Noise			
1.4.4.1	Construction crew will conduct toolbox talks to educate their employees and ensure that they are aware of the legislation regarding noise.	C	The WSP (Pty) Ltd ECO provides mandatory environmental induction to Zibulo Colliery: North Shaft employees, contractors and visitors. The <i>Zibulo Environmental Induction - V5</i> was availed to the auditors and includes information on noise requirements as per the EA and EMPr. Zibulo Colliery: North Shaft indicated that toolbox talks are undertaken on site.
1.4.4.2	The construction companies will be wary of noise levels is working near receptors R4 – R8 and due to construction activities.	C	The WSP (Pty) Ltd ECO provides mandatory environmental induction to Zibulo Colliery: North Shaft employees, contractors and visitors. The <i>Zibulo Environmental Induction - V5</i> was availed to the auditors and includes information on noise requirements as per the EA and EMPr.
1.4.4.3	The Environmental Co-ordinator will keep continuous communication with receptors R1 – R8 regarding noises and potential loud noise events.	C	The Zibulo North Shaft Complaint Form is available at Zibulo Colliery: North Shaft security office at the entrance of the mine and complaints received are managed in accordance with the Zibulo Colliery Stakeholder Communication and Complaints Reporting Procedure (Doc No. ZIB-ENV-PRO-0834, dated 12 June 2015). Zibulo Colliery: North reported that no complaints were received from the public during the audit period (August 2024 - July 2025).
1.4.4.4	A contact line will be made available to receptors should a valid noise complaint arise whereby receptors could lodge a complaint (and documented). Should a valid noise complaint be lodged, it is advised that the Environmental co-ordinator contact an acoustical consultant with experience in noise monitoring to evaluate the complaint.	C	The Zibulo North Shaft Complaint Form is available at Zibulo Colliery: North Shaft security office at the entrance of the mine and complaints received are managed in accordance with the Zibulo Colliery Stakeholder Communication and Complaints Reporting Procedure (Doc No. ZIB-ENV-PRO-0834, dated 12 June 2015). Zibulo Colliery: North reported that no complaints were received from the public during the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.4.4.5	Onsite noise measurements will be considered on a frequent basis, to help identify any fault or loud equipment that may require enclosures or maintenance. It will be conducted at a frequency determined by the project team or environmental coordinator.	C	<p>The "Environmental Noise Impact Assessment (ENIA) for Zibulo North Shaft Project (November 2020)" compiled by EnviroRoots (Pty) Ltd, recommends that quarterly environmental noise monitoring of disturbing and nuisance noise be done according to the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the methodology in SANS 10103: 2008: "The Measurement and Rating of Environmental Noise with Respect to Annoyance and to Speech Communication". Additionally, where noise levels exceed the limit, the noise source must be identified and mitigation measure must be recommended and implemented. The latest quarterly environmental noise assessment report was provided in "Zibulo North Shaft Project Environmental Noise Assessment Report" (Doc No.ZNSEX-ENV-RPT-V02-0004, dated August 2024), compiled by Ventgiene and fully aligns with the ENIA (November 2020) recommendations.</p> <p>R1-R8 receptor noise levels were above 61 dBA (except R7) and the source of noise was determined to arise from activities occurring outside of the Zibulo Colliery: North Shaft Project, i.e. trucks passing by and farms (animal noise, farm machinery and farm workers). Additional measurements were taken at receptors S1 and S2 located on the construction site boundary. S1 was below 61 dBA, while S1 exceeded by 7 dBA, with the source of noise attributed to the site access control area and construction activities. However, the level of measurement confidence was low for all receptors due to strong wind conditions which affects sound wave propagation, and resulting in inaccurate measurements. The report also recommends that quarterly environmental noise monitoring continue during all project phases and additional mitigation measures be implemented to further reduce noise. The measures recommended are currently implemented onsite, as verified during the audit and site inspection.</p>
1.4.4.6	Quarterly noise measurements will be conducted at receptor R2 – R8. The Environmental measurements should be conducted at I&AP's i.e. farmsteads, receptors, communities.	C	<p>The "Environmental Noise Impact Assessment (ENIA) for Zibulo North Shaft Project (November 2020)" compiled by EnviroRoots (Pty) Ltd, recommends that quarterly environmental noise monitoring of disturbing and nuisance noise be done according to the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the methodology in SANS 10103: 2008: "The Measurement and Rating of Environmental Noise with Respect to Annoyance and to Speech Communication". Additionally, where noise levels exceed the limit, the noise source must be identified and mitigation measure must be recommended and implemented. The latest quarterly environmental noise assessment report was provided in "Zibulo North Shaft Project Environmental Noise Assessment Report" (Doc No.ZNSEX-ENV-RPT-V02-0004, dated August 2024), compiled by Ventgiene and fully aligns with the ENIA (November 2020) recommendations.</p> <p>R1-R8 receptor noise levels were above 61 dBA (except R7) and the source of noise was determined to arise from activities occurring outside of the Zibulo Colliery: North Shaft Project, i.e. trucks passing by and farms (animal noise, farm machinery and farm workers). Additional</p>

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			measurements were taken at receptors S1 and S2 located on the construction site boundary. S1 was below 61 dBA, while S1 exceeded by 7 dBA, with the source of noise attributed to the site access control area and construction activities. However, the level of measurement confidence was low for all receptors due to strong wind conditions which affects sound wave propagation, and resulting in inaccurate measurements. The report also recommends that quarterly environmental noise monitoring continue during all project phases and additional mitigation measures be implemented to further reduce noise.
1.4.5. Aesthetics			
1.4.5.1	Where possible areas disturbed by construction activity, will be suitably topsoiled and vegetated as soon as is possible. The progressive rehabilitation measures will allow for the maximum growth period before the completion of the project.	C	During the site inspection, areas that were disturbed during the construction period were observed to be topsoiled and vegetated.
1.4.5.2	Limit areas of disturbance to areas where the construction activities will be constructed or placed.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.4.5.3	Dust suppression will be undertaken at all areas that will be affected by construction activities and where dust will be generated.	C	Zibulo Colliery: North Shaft implements dust suppression by means of water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation.
1.4.5.4	Avoid upwards lighting of structures but rather direct the light downwards to focus on the object to be illuminated.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
1.4.5.5	All areas affected by the construction works will need to be rehabilitated and re-vegetated.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025). Zibulo Colliery: North Shaft is currently under construction and this condition will become applicable during the rehabilitation phase.
1.4.5.6	The special conditions of contract will include for the stripping and stockpiling of topsoil from the construction areas for later re-use.	C	Stripping of stockpiling of topsoil is undertaken in accordance with the Thungela Resources Rehabilitation Guideline (Doc No. TR.TECH.TS.025.GL.1, dated 01 December 2021) and the Thungela Rehabilitation Standard (Doc No. TR.TECH.TS.025, dated 08 November 2021) and entails stripping the topsoil layer (100 – 300 mm) and removing this to the designated topsoil stockpiling area as per the Topsoil Strip Layout (Doc No. ZNSFS-CED-DRW-Z01-0002, dated 21 January 2022) and the Zibulo North Shaft Overall Block Plan (Doc No. ZNSEX-CED-BPL-Z01-0001_G, dated 10 July 2024), compiled by Zutari (Pty) Ltd. Stockpiling requirements include a height limit of 5 m, a minimum slope ratio of 1:3 and vegetation establishment using the recommended seed mix of <i>Digitaria eriantha</i> , <i>Chloris gayana</i> , <i>Cynodon dactylon</i> and <i>Eragrostis</i> tef.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			During the site inspection, topsoils were stockpiled within the designated areas and no mixing of topsoil and overburden was observed. Vegetation cover on the topsoil stockpiles was extensively established and the unvegetated sections observed had no erosion.
1.4.5.7	All existing large trees (if any) that fall outside the earthworks area must be retained. These will assist in softening the forms of the structures and obscure views to them.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. No removal of existing large trees occurred during the audit period (August 2024 - July 2025).
1.4.6. Socio-Economic			
1.4.6.1	The Zibulo social way encourages the mine personnel to form effective relationships with local stakeholders and gain a social license to operate.	C	Zibulo North indicated that the company promotes strong relationships with the communities that surrounds its operations through regular engagement on issues and impacts that may affect them (<i>Thungela Social and Labour Plan Zibulo Colliery (Oogiesfontein) MP 30/5/1/2/2/338 MR Application for Section 102 for Period: 2021 – 2025</i>).
1.4.6.2	Local labour and contractors will be appointed. This will ensure that economic spin-offs that result due to employment, benefit the local community.	C	Zibulo North stated that local contractors have been appointed and that local labourers are employed as far as possible by the contractors.
1.4.6.3	The proportion of job opportunities allocated to the local population will be maximised.	C	Zibulo North indicated that local labourers are employed as far as possible on the Zibulo North Shaft Project.
1.4.6.4	Ensure good communication between the operation and surface owners and farmers whose properties might be directly affected by the population influx.	C	Zibulo North ensures good communication between the operation and surface owners and farmers through interviews and focus groups. A Community Liaison Officer has been appointed to engage directly with the local community for the duration of the project.
1.4.6.5	Zibulo Colliery will ensure that the creation of unrealistic expectations is prevented by communicating the period of the construction phase to the local communities and the communities will be informed that few new positions will be created. Local councillors will be involved in the above communication.	C	Zibulo North stated that a Community Liaison Officer has been appointed to engage directly with the local community for the duration of the project.
1.4.6.6	Where possible skills development will focus on scarce skills.	C	Zibulo's skill development strategy aims to achieve the following: -Develop operational and technical skills and competencies for all employees. - Monitor and manage development plans for talented employees identified as having the potential to be promoted into more senior positions based on the development pipeline. -Provide opportunities for employees to further their careers through appropriate training and part-time studies. (<i>Thungela Social and Labour Plan Zibulo Colliery (Oogiesfontein) MP 30/5/1/2/2/338 MR Application for Section 102 for Period: 2021 – 2025</i>)
1.4.6.7	When appointing contractors especially for big jobs that local businesses cannot access, the mine will facilitate for the main contractors to subcontract a portion of the work to local SMMEs.	C	Zibulo North indicated that the main contractors on the Zibulo North Shaft Project have a contractual obligation to subcontract local SMMEs where possible.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.4.6.8	Where appropriate SMMEs do not exist, the mine will investigate the possibility of aligning the training/skills development. Zibulo Colliery has SMME development projects in their SLP, as far as possible the content and direction of these training programs will be linked to opportunities available in the mine.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
1.4.6.9	Zibulo Colliery will develop an electronic historically disadvantaged South Africans (HDSA) database of local businesses.	C	The <i>Historically Disadvantaged South Africans Database for Local Businesses</i> was availed for verification during the audit.
1.4.6.10	The mine will establish linkages with other local businesses to enhance the impact of their SMME training. The mine will also establish income generating projects that will be managed by local SMMEs.	C	No evidence of non-compliance was observed during the audit period. Zibulo North continues to implement the <i>Thungela Social and Labour Plan Zibulo Colliery (Oogiesfontein) MP 30/5/1/2/2/338 MR Application for Section 102 for Period: 2021 – 2025</i> .
1.4.6.11	Zibulo will continue implementing and enhancing their HIV/AIDS and health related programs for employees and community members.	C	Zibulo North continues to implement their HIV/AIDS and health related programs through awareness programs such as the "Be Well" initiative (<i>Thungela Social and Labour Plan Zibulo Colliery (Oogiesfontein) MP 30/5/1/2/2/338 MR Application for Section 102 for Period: 2021 – 2025</i>).
1.4.6.12	Zibulo will ensure that the socio- economic realities are included in their worker induction programs and that workers understand the code of conduct of the organisation. This should also apply to contractors and sub-contractors.	C	Socio-economic issues are included as part of the Thungela employee induction program.
1.4.6.13	Zibulo Colliery has established a communication strategy that encourages local stakeholders to communicate with the mine and has put in place monitoring and evaluation procedures to track the effectiveness of the engagement processes.	C	Zibulo North ensures good communication between the operation and surface owners and farmers through interviews and focus groups. A Community Liaison Officer has been appointed to engage directly with the local community for the duration of the project.
1.4.6.14	Zibulo Colliery is in the process of establishing a verification committee that includes local councillors however opportunities created by digital technology will be considered in order to make the verification process more effective and efficient.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft.
1.4.6.15	Zibulo will follow recommended strategies to enhance local employment and procurement.	C	Zibulo North indicated that the main contractors on the Zibulo North Shaft Project have a contractual obligation to subcontract local SMMEs where possible.
1.4.6.16	Zibulo will continue innovating ways to strengthen stakeholder engagement with the mine.	C	Zibulo North indicated that a Community Liaison Officer has been appointed to engage directly with the local community for the duration of the project.
1.4.6.17	A stakeholder mapping exercise will be conducted before the project begins in order to determine if the	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	change of location affects the prioritization of stakeholders and new affected parties that may have not been identified at the current active site.		
1.4.6.18	Enhance local recruitment measures through skills development in order to limit as far as possible in migration.	C	Thungela plays a role in various economic development projects within the District and Local Municipalities which includes skills development projects such as the Ogies Light Industrial Park and the Multi-purpose Centre in Leandra/Lebohang (<i>Thungela Social and Labour Plan Zibulo Colliery (Oogiesfontein) MP 30/5/1/2/2/338 MR Application for Section 102 for Period: 2021 – 2025</i>).
1.4.6.19	Liaise openly and frequently with stakeholders to ensure knowledge around the prioritisation of locality, this could assist as a measure to deter people from moving to the said areas for employment.	C	Zibulo Colliery: North Shaft reported that a Community Liaison Officer has been appointed to engage directly with the local community for the duration of the project.
1.4.6.20	To work in partnership with government, industry, and relevant organisations to enhance the existing infrastructure and services.	C	Thungela plays a role in various economic development projects within the District and Local Municipalities which includes skills development projects such as the Ogies Light Industrial Park and the Multi-purpose Centre in Leandra/Lebohang (<i>Thungela Social and Labour Plan Zibulo Colliery (Oogiesfontein) MP 30/5/1/2/2/338 MR Application for Section 102 for Period: 2021 – 2025</i>).
1.4.6.21	Enhance the grievance procedure that is easily accessible, culturally appropriate and scaled to the potential risks and impacts of the Project, through which complaints related to contractor or employee behaviour can be lodged and addressed.	C	There is currently a complaint register available to record contentions from affected parties (<i>Zibulo North Shaft Complaint Form</i>). Zibulo North Colliery indicated that a Community Liaison Officer has been appointed to engage directly with the public relating to the project.
1.4.6.22	Liaise frequently with affected stakeholders to ensure they have information about activities that will generate nuisance factors.	C	Zibulo North Colliery indicated that a Community Liaison Officer has been appointed to engage directly with the public relating to the project
1.4.6.23	Implement grievance mechanisms effectively.	C	There is a complains register in place and an effective grievance mechanism.
1.4.7. Biodiversity			
1.4.7.1	Construction will be conducted during the winter months, where possible in order to curb surface water containing silt, reporting to the grassland/wetland areas and to avoid disturbance of animal species breeding in the grassland/wetland areas.	C	Zibulo Colliery: North Shaft commenced with construction on 05 May 2023, which allowed for topsoil stripping activities to be concentrated in the dry season.
1.4.7.2	Clearance of vegetation will be kept to the absolute minimum.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.4.7.3	No machinery will be serviced within the grassland/wetland areas.	C	Zibulo Colliery: North Shaft reported that there are no workshops on site, maintenance is undertaken off-site and that emergency repairs are undertaken using drip trays. During the site inspection, no servicing of machinery within the grassland or wetland area was observed.
1.4.7.4	Chemical toilets must be provided on site and no employees may relieve themselves in the veld (wetland or terrestrial).	C	Zibulo Colliery: North Shaft reported that contractors make use of chemical toilets, as verified during the site inspection.
1.4.7.5	Domestic waste will be collected on site and must not end up in the veldt (wetland or terrestrial).	C	Zibulo Colliery: North Shaft manages <i>waste as per the Zibulo Colliery Waste Management Procedure</i> (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which requires waste separation at source, the use of colour coded waste receptacles with signage indicating the waste type, and that waste disposal records be retained. During the site inspection, waste separated and stored in labelled, colour coded and sealed wheelie bins and skips. No littering or dumping observed in the veldt. General waste collection from the site was verified in the Waste Manifest Document and Dangerous Goods Declaration (Doc No. LEZ/001/2025, dated 30 May 2025) which confirmed that general waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Klinkerstene Waste Park, a licenced facility. The waste management licence for the Klinkerstene Waste Park (Licence No. 12/9/11/L200612095516/6/R, dated 06 October 2020) was availed to the auditors. Klinkerstene Waste Park's South African Waste Information System (SAWIS) registration certificate (D08392-01) was availed to the auditors.
1.4.7.6	Dust suppression will be conducted regularly in order to have the least amount of dust settling on grassland/wetland vegetation.	C	Zibulo Colliery: North Shaft implements dust suppression by means of water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation.
1.4.7.7	Machinery will be kept in good working order to curb hydrocarbon leaks and spills that may contaminate the groundwater.	C	The <i>Zibulo North Shaft TMM COP Requirements Procedure</i> (Doc No. n/a, dated 06 July 2023) was availed to the auditors and provides the requirements for servicing, maintaining and checking of site vehicles and equipment. Zibulo Colliery: North Shaft's mine vehicles and machinery are maintained regularly and samples of the <i>Service Schedule</i> and <i>Service Sheet</i> (Plant Nr: DE283, Machine Type: Bell B40E) were provided for verification.
1.4.7.8	Emergency maintenance will be conducted on protected ground.	C	During the site inspection, vehicles were observed with drip trays which effectively contained hydrocarbon spills.
1.4.7.9	No snares may be set, no poaching of animals or plants may occur.	C	Zibulo North indicated that staff was educated on the sensitivity of wetlands areas, fauna and flora through the Toolbox Talk conducted by the ECO (<i>41104759 ZNS Environmental Training material final</i>).
1.4.8. Air Quality			
1.4.8.1	Baseline monitoring at these sites will commence at least one year prior to the onset of the construction phase.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.4.8.2	PM10/2.5 monitoring station onsite will be installed and at least seven receptor dust deposition gauges are recommended. Monitoring must be conducted.	C	No PM10/PM2.5 monitoring and Dust Fallout monitoring was undertaken on site during the audit period (August 2024 - July 2025).
1.4.8.3	Conduct dust suppression on a regular basis.	C	Zibulo Colliery: North Shaft implements dust suppression by means of water spraying using water bowsers and enforcing speed limits on site to reduce and manage dust generation.
1.4.8.4	Monitor the dust fall out concentration and ensure that significant source of pollution is managed, annually. Ambient monitoring will be used in combination with modelling and emission inventory to assess.	NC 0016	The <i>Gravimetric Dust Fallout Monitoring Reports</i> (Doc Ref. 22-1734-ECOI, dated August 2025), compiled by EcoE Innovative Consulting, was availed to the auditors. The report provides the dust fallout monitoring results as measured from seven (7) gravimetric dust fallout monitoring gauges. The results indicated non-compliance with the non-residential dust fallout standards in terms of the National Dust Control Regulations at monitoring points R1 and R14 . Two sequential monthly exceedances of the non-residential dust fallout standard was recorded at monitoring point R1 during the audit period. Three exceedances of the non-residential dust fallout standard was recorded at monitoring point R14 during the audit period.
1.4.8.5	The effectiveness of control measures at source and receivers, on an annual basis.	C	The <i>Monthly Gravimetric Dust Fallout Monitoring Reports</i> discusses the effectiveness of the dust control measures in the monitoring report.
1.4.8.6	Traffic will be restricted to demarcated areas and traffic volumes and speeds within the shaft complex construction site will be controlled.	C	Traffic is restricted to demarcated areas and a speed limit of 40km/h is implemented on site.
1.4.8.7	The farmers and community meetings conducted by the mine will be used for environmental reporting and community liaison on matters relating to the impacts on air quality.	C	Zibulo Colliery indicated that environmental matters are included in the topics of discussion at the farmers and community meetings conducted by the mine.
1.4.8.8	Reduce unnecessary traffic and minimise travelling distance through good layout and process design.	C	Traffic management measures were implemented on site to control and minimise travelling distance on site.
1.4.8.9	Limit the area of operation to what is necessary.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025). Zibulo Colliery: North Shaft is currently under construction and this condition will become applicable during the operational phase.
1.4.8.10	Rehabilitation of disturbed areas will be performed as soon as practicable.	C	During the site inspection, it was observed that some areas that were disturbed by construction activity were topsoiled and rehabilitated.
1.5. EXCAVATION, REMOVAL AND MOVING SOIL AND ROCK WITHIN A WATERCOURSE OR WITHIN 32 M			
<i>Load-Out Access Road, Overland Conveyor Belt Service Road, Buried Potable Water Pipeline and Overhead Powerline Pylons</i>			
1.5.1. Topography			
1.5.1.1	The construction activities of the above- mentioned infrastructure will be undertaken within the approved footprint areas.	C	Zibulo Colliery: North Shafts Overall Blockplan (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.5.2. Soils, Land Capability and Land Use			
1.5.2.1	The entire area will be monitored for erosion.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes erosion monitoring. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the Environmental Management System Electronic Database (EMSED) and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. According to the Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11, no erosion incident occurred during the audit period (August 2024 - July 2025) as reported on 30 January 2024.
1.5.2.2	In cases where erosion does occur, action plans will be implemented to apply mitigation.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025). The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes erosion monitoring. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the Environmental Management System Electronic Database (EMSED) and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. According to the Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11, no erosion incident occurred during the audit period (August 2024 - July 2025) as reported on 30 January 2024.
1.5.2.3	The construction activities will be conducted within the approved footprint area.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.5.2.4	Excess soils will be stockpiled at the topsoil stockpiling area, which will not be more than five meters high.	C	The topsoil stockpiles appeared to be below the 5 m height restriction based on the auditor's visual inspection and this was verified in the surveyors report of the stockpile heights which was availed to the auditors during the site inspection and.
1.5.2.5	Align the overland conveyor belt service road over terrestrial soils where possible.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.5.2.6	Avoid unnecessary trampling the vegetation and mudding the water resources during construction.	C	No evidence of non-compliance was observed during the site assessment.
1.5.2.7	The proposed infrastructures will be constructed in such a manner that any spillages (contaminated water runoff) to the wetland areas are prevented.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025).
1.5.2.8	Zibulo Colliery will ensure that all applicable authorisations (EA, IWUL) are obtained before commencement.	C	The requisite Environmental Authorisation in terms of the National Environmental Management Act (NEMA) (Act 107 of 1998) for activities undertaken by Zibulo Colliery: North Shaft have been obtained, and no unauthorised activities were observed during the site inspection. Zibulo Colliery: North Shaft's water use activities have been authorised by the Department of Water and Sanitation (DW&S) in terms of Section 21 of the National Water Act (NWA) (Act 36 of 1998) and a Water Use Licences (WUL Ref. 06/B20E/CAJICGI/12435, dated 30 October 2022) has been issued.
1.5.2.9	Soils contaminated by hydrocarbon fluids will be remedied using hydrocarbon spill kits or taken away for remediation offsite or for disposal. Spill kits will be supplied in sufficient quantities.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025). During the site inspection, no chemical spillage were observed throughout the site. However, the Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11, reported the occurrence six (6) minor incidents (non reportable) of hydrocarbon spillages during the audit period (August 2024 - July 2025). The remediation actions provided indicate that contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site in accordance with the procedure outlined in the Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan (Doc Ref. n/a dated 01 October 2023).
1.5.2.10	Should large spillages occur, clean-up of the spillages will be undertaken as soon as possible.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft (August 2024 - July 2025). The Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan (Doc Ref. n/a, dated 01 October 2023) provides the procedure for clean-up of minor and major spillages, disposal of the contaminated material, as well the internal and external reporting requirements. The Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11 was reviewed by the auditors and recorded the occurrence six (6) minor incidents (non reportable) of hydrocarbon spillages during the audit period (August 2024 - July 2025). The remediation actions provided indicate that contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site.
1.5.2.11	Agreements will be reached with the affected landowners where private land will be accessed for the purpose of the construction activities.	C	Agreements have been reached with the affected landowners where private land will be accessed for construction activities.
1.5.3. Sensitive Landscapes			
1.5.3.1	Design of surface infrastructure areas will be optimised to minimise the size of the development footprint and to avoid encroachment into wetland habitat.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout and site boundary. During the site inspection, construction activities

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.5.3.2	All disturbance footprints will be separated from adjacent wetlands by a fence, either a security fence or as minimum a five-strand cattle fence (ideally not utilising barbed wire). The purpose of the fence is to clearly demarcate sensitive areas and prevent accidental vehicle and construction machinery access to these areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.5.3.3	All construction staff will be educated on the sensitivity of wetland areas and should be made aware of all wetland areas in close proximity to the construction sites.	C	Zibulo Colliery: North Shaft reported that environmental training is provided to contractors and is conducted by the appointed WSP (Pty) Ltd ECO. A copy of the Environmental Training Material (Doc Ref. 41104759 ZNS) was availed to the auditors and includes adequate information on the wetlands in proximity to the site.
1.5.3.4	Locate all temporary constructor's camps, laydown areas, ablution facilities etc. within the fenced off shaft footprint area.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, constructor's camps, laydown areas, buildings, infrastructure and site services etc.. During the site inspection, the constructor's camps, laydown areas and ablution were located within the fenced off area and within the approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.5.3.5	Develop and implement a construction stormwater management plan prior to the commencement of site clearing activities. Such a plan will aim to minimise the transport of sediment off site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025)
1.5.3.6. Erosion within the construction site will be minimised through the following:			
1.5.3.6.1	Limiting the area of disturbance and vegetation clearing to as small an area as possible.	C	Zibulo Colliery: North Shafts Overall Blockplan (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including site boundary, buildings, infrastructure and site services. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary.
1.5.3.6.2	Where possible, undertaking construction during the dry season.	C	Zibulo Colliery: North Shaft commenced with construction on 05 May 2023, which allowed for topsoil stripping activities to be concentrated in the dry season.
1.5.3.6.3	Phasing vegetation clearing activities and limiting the time that any one area of bare soil is exposed to erosion.	N/A	The condition falls outside of the scope of the audit period (August 2024 - July 2025). Vegetation clearing activities were completed prior to the audit period.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.5.3.6.4	Control of stormwater flowing onto and through the site. Where required, stormwater from upslope will be diverted around the construction site;	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, stormwater infrastructure was still under construction and adequate temporary measures were observed to divert stormwater away from construction areas, facilitate surface drainage, prevent ponding and stormwater contamination. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.5.3.6.5	Prompt stabilisation and re-vegetation of soils after disturbance and construction activities in an area are complete.	T/N	The condition falls outside of the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: North Shaft is currently under construction and this condition will become applicable upon completion of construction.
1.5.3.7	Regular inspection and maintenance of sediment controls will be conducted.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMP, which includes inspection of sediment controls. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814, dated 10 November 2017), by logging the incident onto the Environmental Management System Electronic Database (EMSED) and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. According to the Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11, no incident regarding sediment controls occurred during the audit period (August 2024 - July 2025).
1.5.3.8	Ensure that no equipment is washed in the wetlands of the area, and if washing facilities are provided, will be according to the approved designs.	C	Zibulo Colliery: North Shaft reported that there are no workshops on site. During the site inspection, no workshops or vehicle washing was noted.
1.5.3.9	Potential contaminants used and stored on site will be stored and prepared on bunded surfaces to contain spills and leaks. Sufficient spill clean-up material must be kept on site at all times to deal with minor spills. Larger spills will be reported to the ECO and the relevant authorities immediately.	C	Hazardous chemicals are stored in accordance with the requirements of the <i>Zibulo Hazardous Material Handling Procedure</i> (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. The <i>Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan</i> (Doc Ref. n/a, dated 01 October 2023) provides the procedure for clean-up of minor and major spillages, disposal of the contaminated material, as well the internal and external reporting requirements. During the site inspection, adequate placement of spill kits were observed at chemical storage areas and chemicals were appropriately stored with no concerns noted.
1.5.3.10	No abstraction of water from the wetlands or pans will be allowed unless expressly authorized in the IWULA.	C	Zibulo Colliery: North Shaft reported that no abstraction of water from the wetlands or pans occurred during the audit period (August 2024 - July 2025) and no evidence of water abstraction was noted during the audit.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.5.3.11	An alien vegetation management plan will be drawn up and implemented to limit the spread of alien vegetation into wetland habitat.	C	<i>The Alien Vegetation Management Plan for Zibulo Colliery: North Shaft</i> (Doc No 41104759, dated March 2024), compiled by WHP (Pty) Ltd, was availed during the audit. The plan provides adequate guidance for the eradication of AIPs. Alien vegetation management was in progress during the site inspection.
1.5.3.12	All disturbed areas outside the direct development footprints will be rehabilitated and re-vegetated as soon as possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
1.5.3.13	A detailed procedure for the handling, storage and disposal of waste will be developed and fully implemented during construction.	C	<p>Zibulo Colliery: North Shaft manages waste as per the <i>Zibulo Colliery Waste Management Procedure</i> (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which requires waste disposal at licenced/ permitted facilities and that waste disposal records be retained.</p> <p>General waste collection from the site was verified in the <i>Waste Manifest Document and Dangerous Goods Declaration</i> (Doc No. LEZ/001/2025, dated 30 May 2025) which confirmed that general waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Klinkerstene Waste Park, a licenced facility. The waste management licence for the Klinkerstene Waste Park (Licence No. 12/9/11/L200612095516/6/R, dated 06 October 2020) was availed to the auditors. Klinkerstene Waste Park's South African Waste Information System (SAWIS) registration certificate (D08392-01) was availed to the auditors.</p> <p>The collection and disposal of the hazardous waste was verified in the "<i>Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip</i>" (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the "<i>Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility</i>" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. Further hazardous waste collection records such as the "<i>Waste manifest document and dangerous goods declaration</i>" (Doc No. LEZ/008/2025, dated 29 April 2025), confirmed the collection of hazardous waste from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Holfontein.</p>
1.5.3.14	The construction servitudes will be regularly inspected for waste or littering and clean-up operations initiated if required.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr, which includes onsite waste management. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. According to the Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> , no waste incidents occurred during the audit period (August 2024 - July 2025).
1.5.3.15	Concentration of flows within a single culvert will be avoided.	C	During the site inspection, no concentration of flows were observed within the culverts.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.5.3.16	The affected Seep wetlands are maintained predominantly by interflow, i.e. the subsurface movement of water, as well as diffuse surface runoff during and immediately after rainfall events. Crossings structures must therefore make provision for maintaining flow connectivity not only for surface flow but also subsurface flow.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.17	Minimise footprint of conveyor servitude to minimise disturbance footprints within wetlands.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.18	Conveyor will follow the natural landscape profile. Cut and fill should be avoided.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.19. For valley bottom crossings (Crossings B, C, D):			
1.5.3.19.1	Conveyor to span valley bottom wetlands as far as possible;	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.19.2	Conveyor over valley bottom wetlands will be covered with environmental gantries to prevent dust and fallout of coal directly into the valley bottom wetland.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.19.3	Floor of gantries will be impervious;	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.19.4	Service road crossings will be constructed as low-level crossings/drifts that contour the bed of the valley bottom wetland.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.20. For Seep wetland crossings:			
1.5.3.20.1	Allowance will be made for sub- surface drainage underneath the conveyor servitude. This will be achieved by leaving the natural soil profile intact as far as possible with minimal compaction.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.20.2	Sub-surface seepage can then continue same as before. If this is not possible, introduction of a permeable drainage material may be required. If such material is more permeable than the natural soil profile, care will be taken that the conveyor servitude does not become a preferential flow path. Regular "breakers" may need to be installed.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.20.3	Conveyor will be designed to minimise spillage of coal and minimise generation of coal dust.	T/N	The condition is noted and accepted by Zibulo Colliery: North Shaft. Zibulo Colliery: North Shaft is still in construction phase and the conveyor belt has not yet been constructed.
1.5.3.21	Access to the wetlands within and adjacent to the construction sites will be restricted through the	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	installation of fences and/or clearly demarcated construction servitude boundaries.		proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.5.3.22	Signboards will be attached to the fences in areas where high volumes of vehicular and/or human traffic occur to indicate the presence of wetland habitat and to warn against unauthorised entry.	C	Warning signs have been erected on site informing stakeholders about the wetland areas.
1.5.3.23	Access to the wetland areas to people other than authorised individuals will be prevented. Specifically, the dumping of litter, building rubble and garden refuse within the wetland areas will be prevented.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMP, including waste management. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. According to the Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11, no incidents relating to waste management occurred during the audit period (August 2024 - July 2025).
1.5.3.24	No laydown areas or temporary stockpiles will be located within any of the wetland areas.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat. During the site inspection, the auditors verified that no laydown areas or temporary stockpiles were located in a wetland area.
1.5.3.25	No runoff from such areas will be discharged directly and uncontrolled into any wetlands.	C	Zibulo Colliery: North Shaft's <i>Stormwater Layout</i> (Ref. ZNSFS-CED-DRW-Z01-007727, dated January 2022) and <i>Stormwater Channels General Arrangement Key Plan</i> (ZNSEX-CED-DRW-Z01-0077_3, dated January 2024), compiled by Zutari (Pty) Ltd, provide the approved layout of the separated clean and dirty stormwater systems, the type of stormwater drains used, stormwater diversion berms and flow directions. During the site inspection, the constructed stormwater management infrastructure was observed to be properly constructed, operated and in good working order. Stormwater is being well managed around the site and construction areas and no concerns were noted.
1.5.3.26	No washing of any construction machinery or vehicles will be allowed in the wetlands on site. No unauthorised abstraction of water from wetlands for construction purposes will be allowed.	C	Zibulo Colliery: North Shaft reported that no washing of construction machinery or vehicles is allowed in the wetlands on site and that no unauthorised abstraction of water for construction purposes was undertaken. During the site inspection, none of these activities were observed.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.5.3.27	Conduct audit of fences and demarcation of all wetland areas prior to the commencement of large-scale vegetation clearing activities or earthmoving on site.	N/A	The condition falls outside of the scope of the audit period (August 2024 - July 2025). Construction commenced on 05 May 2023 and the major earthwork activities were undertaken prior to the current audit period.
1.5.3.28	Regular walk-through surveys of adjacent wetlands and construction site perimeter to observe for signs of direct disturbance to wetlands.	C	The appointed WSP (Pty) Ltd ECO conducts weekly and monthly inspections of construction areas and compliance with the EA and EMPr. ECO inspection reports are submitted to the Environmental Specialist and findings/ incidents reported are managed in accordance with the Zibulo Colliery Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017), by logging the incident onto the EMSED and assigning corrective and preventative actions, target dates and responsible persons for addressing the incident. According to the Zibulo North Shaft Environmental Incident Register titled Zibulo North Environmental Incidents-02092025-11, no incidents relating to fencing occurred during the audit period (August 2024 - July 2025).
1.5.3.29	WET-Health data (PES scores) will be collected prior to construction (included in the Wetland Impact Assessment Study) on site to be used as baseline monitoring data (every three years). The objective of wetland management plan is to retain and/or improve these baseline categories where possible, A WET-Health Level 2 or suitable alternative assessment methodology should be utilised.	NC 017	The baseline WET-Health data (PES scores) is provided in the <i>Zibulo North Shaft Project: Wetland Delineation & Impact Assessment (2020)</i> . However, a WET-Health Level 2 or suitable alternative wetland monitoring was not undertaken during the audit period to compare with the baseline.
1.5.3.30	Vegetation transects (every three years) will be conducted – to record dominant species and vegetation zonation. This will allow for monitoring of changes to vegetation due to changes in the wetting regime.	N/A	Condition does not apply to current activities of the Zibulo North Shaft Project.
1.5.4. Surface Water			
1.5.4.1	Soils will be returned in the same order as it was removed.	T/N	The condition falls outside of the scope of the audit period (August 2024 - July 2025). Zibulo Colliery: North Shaft is currently under construction and this condition will become applicable during the rehabilitation phase.
1.5.4.2	A small as possible area (area only approved by the relevant official) will be disturbed when construction is taking place within the wetlands.	C	Zibulo Colliery: North Shafts <i>Overall Blockplan</i> (Doc No. ZNSEX-CED-DRW-Z01-001), compiled by Zutari (Pty) Ltd and submitted as part of the EA application (Ref. MP 30/5/1/2/3/2/1/(305) EM, dated 29 March 2023) was availed to the auditors and provides the proposed mine layout, including the buffer zones and site boundary. During the site inspection, construction activities were undertaken within the fenced site boundary and approved mining footprint and no construction or other activities were observed outside of the site boundary or within the 30 m buffer zone for adjacent wetland habitat.
1.5.4.3	Construction vehicles will be regularly maintained and inspected to prevent hydrocarbon spills.	C	The <i>Zibulo North Shaft TMM COP Requirements Procedure</i> (Doc No. n/a, dated 06 July 2023) was availed to the auditors and provides the requirements for servicing, maintaining and

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
			checking of site vehicles and equipment. Zibulo Colliery: North Shaft's mine vehicles and machinery are maintained regularly and samples of the <i>Service Schedule</i> and <i>Service Sheet</i> (Plant Nr: DE283, Machine Type: Bell B40E) were provided for verification.
1.5.4.4	Spill kits will be kept at the construction area to allow any hydrocarbons spills to be cleaned immediately.	C	During the site inspection, adequate placement of spill kits were observed at various areas on site.
1.5.4.5	Contaminated soil will be disposed of by a registered contractor and taken to an approved waste site.	C	During the site inspection, no hydrocarbon spillage were observed throughout the site. However, the Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> , reported the occurrence one (1) minor incident (non reportable) of hydrocarbon spillages during the audit period (August 2024 - July 2025). The remediation actions provided indicate that the contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site in accordance with the requirements of the Draft Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan (Doc Ref. n/a dated 01 October 2023) for minor oil spillages. The collection and disposal of the hazardous waste was verified in the "Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip" (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the " Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility" (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. Further hazardous waste collection records such as the "Waste manifest document and dangerous goods declaration" (Doc No. LEZ/008/2025, dated 29 April 2025), confirmed the collection of hazardous waste from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Holfontein.
1.5.4.6	Training will be conducted for employees working with waste (hydrocarbon liquid), including contractors' employees.	C	Zibulo Colliery: North Shaft reported that environmental training is provided to contractors and is conducted by the appointed WSP (Pty) Ltd ECO. A copy of the <i>Environmental Training Material</i> (Doc Ref. 41104759 ZNS) was availed to the auditors and includes the site waste management requirements, as aligned <i>with the requirements of the National Norms and Standards for the Storage of Waste</i> (GN No. 296 of 29 November 2013) as well the requirements for handling and storage of hazardous materials.
1.5.4.7	All spillages will be contained and the affected areas remedied. An emergency preparedness plan will be implemented.	C	The Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan (Doc Ref. n/a, dated 01 October 2023) provides the procedure for clean-up of minor and major spillages, disposal of the contaminated material, as well the internal and external reporting requirements. The Zibulo North Shaft Environmental Incident Register titled <i>Zibulo North Environmental Incidents-02092025-11</i> was reviewed by the auditors and recorded the occurrence one (1) minor incident (non reportable) of hydrocarbon spillages during the audit period (August 2024 - July 2025). The remediation actions provided indicate that contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site.
1.5.5. Groundwater			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.5.5.1	Used oil will be removed immediately after vehicle servicing.	N/A	No vehicle servicing is undertaken on site.
1.5.5.2	All material with potential to pollute will be stored in secure facilities.	C	Hazardous chemicals are stored in accordance with the requirements of the Zibulo Hazardous Material Handling Procedure (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. The Zibulo North Shaft Environmental Incident Register tiled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors, and no spillages related to chemical storage were recorded during the audit period (August 2024 - July 2025). During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.5.5.3	Mine machinery will be repaired at designated areas fit for purpose. No maintenance outside the dedicated areas will be allowed unless it is an emergency repairs which must be on a protected ground or by use of drip trays.	C	Zibulo Colliery: North Shaft reported that there are no workshops on site, maintenance is undertaken off-site and that emergency repairs are undertaken using drip trays. During the site inspection, no workshops for vehicle maintenance were observed and vehicles were observed with drip trays which effectively contained hydrocarbon spills.
1.5.5.4	All hydrocarbon liquids will be stored in leak and corrosion resistant containers. These containers will be placed in bunded areas.	C	Hydrocarbon liquids are stored in accordance with the requirements of the Zibulo Hazardous Material Handling Procedure (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. The Zibulo North Shaft Environmental Incident Register tiled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors, and no spillages related to hydrocarbon liquid storage were recorded during the audit period (August 2024 - July 2025). During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.5.5.5	The containers used for the storage of hydrocarbon liquids will be maintained in good condition.	C	Hydrocarbon liquids are stored in accordance with the requirements of the Zibulo Hazardous Material Handling Procedure (Doc No. AATC016649, dated 10 November 2017) which stipulates that all chemicals must be stored in a lined or plastered bunded that can contain at least 110% of the total volume of stored chemicals. The Zibulo North Shaft Environmental Incident Register tiled Zibulo North Environmental Incidents-02092025-11 was availed to the auditors, and no spillages related to hydrocarbon liquid storage were recorded during the audit period (August 2024 - July 2025). During the site inspection, all chemicals observed were appropriately stored and no concerns regarding chemical storage was noted.
1.5.5.6	All spillages will be contained and the affected areas remedied. An emergency preparedness plan, which will be in line with the mine's environmental emergency plan and the norms and standards for the waste storage facilities will be used. Where necessary, sufficient supply of absorbent fibre will be kept at site to contain accidental spills.	C	The Zibulo Colliery: North Shaft Project Environmental Emergency Preparedness and Response Plan (Doc Ref. n/a, dated 01 October 2023) provides the procedure for clean-up of minor and major spillages, disposal of the contaminated material, as well the internal and external reporting requirements. The Zibulo North Shaft Environmental Incident Register tiled Zibulo North Environmental Incidents-02092025-11 was reviewed by the auditors and recorded the occurrence one (1) minor incident (non reportable) of hydrocarbon spillages during the audit period (August 2024 - July 2025). The remediation actions provided indicate that contaminated soil was removed, stored in hazardous waste receptacles and then collected and disposed of at a hazardous landfill site.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1.5.5.7	Training for the waste storage facilities will be conducted for employees working with waste (hydrocarbon liquid), including contractors' employees.	C	Zibulo Colliery: North Shaft reported that environmental training is provided to contractors and is conducted by the appointed WSP (Pty) Ltd ECO. A copy of the <i>Environmental Training Material</i> (Doc Ref. 41104759 ZNS) was availed to the auditors and includes the site waste management requirements, as aligned with the requirements of the <i>National Norms and Standards for the Storage of Waste</i> (GN No. 296 of 29 November 2013) as well the requirements for handling and storage of hazardous materials.
1.5.5.8	Credible waste collectors will be used for the removal of waste from the site to registered waste disposal facilities.	C	Zibulo Colliery: North Shaft manages waste as per the <i>Zibulo Colliery Waste Management Procedure</i> (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which requires waste disposal at licenced/ permitted facilities and that waste disposal records be retained. General waste collection from the site was verified in the <i>Waste Manifest Document and Dangerous Goods Declaration</i> (Doc No. LEZ/001/2025, dated 30 May 2025) which confirmed that general waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Klinkerstene Waste Park, a licenced facility. The waste management licence for the Klinkerstene Waste Park (Licence No. 12/9/11/L200612095516/6/R, dated 06 October 2020) was availed to the auditors. Klinkerstene Waste Park's South African Waste Information System (SAWIS) registration certificate (D08392-01) was availed to the auditors. The collection and disposal of the hazardous waste was verified in the " <i>Enviroserv Waste Management Ltd. Holfontein Landfill Weighbridge Slip</i> " (Doc No. 0002883685, dated 06 May 2025) which confirmed that hazardous waste is collected from Zibulo Colliery: North Shaft by The Waste Group and disposed of at a licenced Hazardous Waste Disposal Facility, as verified in the " <i>Waste Management Licence for Enviroserv Holfontein Hazardous Waste Disposal Facility</i> " (Licence No. 12/9/11/L975/3 dated 30 May 2013) issued by Department of Environmental Affairs. Further hazardous waste collection records such as the " <i>Waste manifest document and dangerous goods declaration</i> " (Doc No. LEZ/008/2025, dated 29 April 2025), confirmed the collection of hazardous waste from Zibulo Colliery: North Shaft by The Waste Group and disposed of at Holfontein.
2. OPERATIONAL PHASE			
2.1. MINING OF NO. 2 SEAM USING UNDERGROUND MINING METHOD			
2.1.1. Geology/ Topography			
2.1.1.1	Ensure that the removal of the No. 2 coal seam by underground mining method will leave underground pillars intact as per approved underground mining designs.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.1.2	Safety factors will be used during mining to determine the sizes of the pillars to be left behind. A safety factor of more than 2.0 will be used where structures and sensitive landscapes will be undermined.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.1.1.3	Previously mined underground areas with high risk of subsidence will be backfilled to ensure stability of the mined-out areas by strengthening the pillars.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.1.4	Should any surface subsidence be encountered, the affected area will be rehabilitated to be free draining and to have good vegetation cover that can support pre-subsidence ecosystem.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.1.5	The affected landowners will be compensated for any loss suffered. Compensation actions will be investigated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.1.6	Should any underground workings subside, mining will be stopped in the area at risk and employees in the vicinity of the Low safety factor area will be evacuated from the workings. No mining will be undertaken until it can be proven safe to do so.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.2. Surface Water			
2.1.2.1	Mining will be undertaken as per mining design specifications. However, should surface subsidence be encountered during mining, the affected area will be rehabilitated to be free draining and to have good vegetation cover that can support pre-subsidence ecosystem.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.2.2	The undermining of wetlands will be limited to the approved areas to avoid any future underground mine failure and the subsequent formation of cracks linking the shallow perched aquifer with the deeper fractured rock aquifer containing the proposed underground workings.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.2.3	Where decant cannot be prevented, a water management strategy will therefore be developed and implemented on site that will ensure that water levels within the mined-out areas are actively managed post-mining so that decant is prevented and no contaminated water is discharged into the environment untreated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.2.4	It is unlikely that subsidence will occur. As is best practice, the mining plan would have been designed to prevent surface subsidence. If the mining plan has	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	been designed to mitigate against surface subsidence, no further mitigation measures are necessary.		
2.1.3. Groundwater			
2.1.3.1	All groundwater boreholes within the zone of influence of the groundwater drawdown will be monitored for static groundwater levels on a quarterly basis.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.3.2	If it can be proven that the mine is indeed affecting the quantity of groundwater available to certain users, the affected parties will be compensated. Compensation actions will be investigated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.3.3	Should the results of the groundwater monitoring prove that the drawdown is affecting the undermined water bodies, the mine will investigate and take reasonable measures to address the impacts on affected water resources.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.3.4	The groundwater numerical model will be updated during operational phase of the mine to identify any additional decant.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.3.5	Continuous monitoring of underground mine inflows (daily quantity and quarterly quality) and water levels (quarterly) within the predicted zone of dewatering.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.3.6	Groundwater inflows into the underground mining areas will be minimised by grouting, measured during abstraction (using a flow meter), re-used in the operations, or disposed of in an environmentally acceptable way. Depending on observed water qualities, treatment might be required before disposal.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.3.7	The numerical model and geochemical study will be updated biennially during the life of mine to calibrate and validate its results and to inform effective water management and closure planning.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.3.8	Monitoring of mine effluent and seepage will be performed to assure protection of the environment. Monitoring and field testing provide early detection of potential environmental issues, allowing evaluation and, if necessary, adaptive management interventions.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.3.9	Mine design should consider the expected decant point and, where possible, will alter the mine plan to	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	have the decant point located outside any wetland or watercourse habitat, with sufficient space between the expected decant point and adjacent wetlands or watercourses to allow for suitable management interventions.		
2.1.4. Sensitive Landscapes			
2.1.4.1	It will be ensured that no surface subsidence, sinkholes or fracturing to surface takes place within the Wilge River floodplain or within the central pan wetland and its immediate surrounding catchment.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.4.2	Undermining of wetlands will be limited to the approved footprint areas.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.4.3	Surface subsidence under wetlands and in close proximity to wetlands will be avoided and a suitable pillar safety factor should be implemented to ensure this. As a minimum, no subsidence or sinkholes be allowed to take place within delineated wetland areas. Stability of the overlying strata must be ensured in the long-term, i.e. permanently.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.4.4	A groundwater monitoring strategy as per the recommendations of the groundwater specialist report will be implemented to monitor groundwater levels in the surrounding area. This should include monitoring of the shallow weathered aquifer water levels and water quality.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.4.5	The likelihood of decant, as well as its location and expected quality will be accurately determined at a high level of confidence and measures put in place to ensure that no decant or discharge of contaminated water occurs, unless it meets the applicable resource quality objectives (RQO's).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.4.6	Where the RQO's are exceeded, contaminated water will need to be treated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.4.7	Where decant cannot be prevented, a water management strategy will therefore be developed and implemented on site that will ensure that water levels within the mined-out areas are actively managed post-mining so that decant is prevented and no	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	contaminated water is discharged into the environment untreated.		
2.1.4.8	Opportunities for the alternative treatment options for mine water post closure will also be investigated to reduce maintenance costs and responsibilities of water treatment post closure.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.4.9	Mine design will consider the expected decant point and where possible be optimised to ensure to as far as possible prevent decant as predicted by the groundwater modelling. Where possible and if decant cannot be prevented, mine designs will target to have the decant point located outside any wetland or watercourse habitat, with sufficient space between the expected decant point and adjacent wetlands or watercourses to allow for suitable management interventions, including potentially the passive treatment of decant.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.4.10	A clear action plan will be developed to respond to water quality problems picked up by regular monitoring.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.5. Air Quality			
2.1.5.1	Sufficient dust suppression will be undertaken to reduce the impacts of the generated dust on employees.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.5.2	Employees will be provided with dust masks and will be instructed to use the dust masks.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.6. Noise			
2.1.6.1	Limit the maximum speed on the haul roads to 20 km/h or less, subject to risk assessment.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.6.2	Ensure that the mine employees are issued with earplugs and that they are instructed to use them.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.6.3	Educate employees on the dangers of hearing loss due to mine machinery noise.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.1.6.4	Any deviation detected by the noise monitoring results must be addressed.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2. TRANSPORT OF COAL BY CONVEYOR AND TRUCKS FROM UNDERGROUND WORKINGS TO COAL STOCKPILE SILO TO CLIENT			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.2.1.1	All trucks used for the transportation of coal will be covered with tarpaulins during coal transportation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.1.2	All spilled coal along the roads and the conveyor routes will be cleared immediately.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.1.3	Trucks will be required to obey certain road regulations when transporting coal at the mine. This will include speed limits etc.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.2. Surface Water and Sensitive landscapes			
2.2.2.1	Loading of coal trucks will be supervised to prevent overloading. The road must be designed and operate to minimise the likelihood of spillages. All vehicles will only use designated roads with no indiscriminate driving through wetland or riparian areas.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.2.2	Should large spillages occur, clean-up of the spillages will be undertaken as soon as possible following the event.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.2.3	Dust suppression will be undertaken at the facilities, roads and along the conveyor routes to prevent generation of excessive dust.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.2.4	Any streams and wetlands crossed by the conveyor route will be rehabilitated using site-appropriate indigenous vegetation and/or seed mixes.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.2.5	The operation of the overland conveyor belt must be undertaken to comply with GNR 704 of the NWA. Storm water from dirty area must be routed to a dirty water management system, in accordance with GNR 704 of the NWA. Should a legal discharge occur as a result of extreme rainfall conditions, the surface water systems should have enough capacity to dilute poor quality water. The impacts from extreme rainfall conditions should be low and will last for a short duration.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.3. Noise			
2.2.3.1	As much as possible, transportation routes will be used during the day time.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.3.2	If roads/routes are to be used during the night-times will be routed as far as possible away from a receptor.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	If the receptors cannot be avoided, an agreement will be reached with the affected parties.		
2.2.4. Socio-Economic			
2.2.4.1	Routes to be used for the transportation of coal will be agreed with the affected parties. Keep communication with neighbouring land owners, land occupiers and the public (interested and affected parties) open during the operational phase of the project.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.5. Air Quality			
2.2.5.1	Wet suppression using water carts will be conducted along the transportation routes.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.5.2	The conveyor belt will be covered to minimise dust generation. The covering will be in accordance with the design specifications.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.6. Soils, Land Use and Land Capability			
2.2.6.1	The footprint of the shaft and associated infrastructure/facilities will be maintained to be within the approved perimeters. Areas with erosion gullies and sedimentation build up will be rehabilitated. Areas with compaction will be ripped and seeded.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.6.2	The stockpiled topsoil will be maintained to have good vegetation cover. Bare areas where no further activities will take place will be identified and re-vegetated with a recommended seed mix.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.6.3	The stockpiled topsoil will be maintained to be within the approved height of five meters.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7. Surface Water			
2.2.7.1	The activities will be undertaken to comply with Government Notice 704 of NWA.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.2	Storm water from dirty areas will be routed to a dirty water management system, in accordance with Government Notice 704 of the NWA.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.3	The PCD will be operated and maintained in accordance with regulations under the Government Notice 704 of the NWA.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.4	Contaminated shallow seepage and storm water run-off from the dirty water areas will be collected and routed to a lined PCD.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.2.7.5	The PCD water levels will be kept within operating levels and levels constantly monitored.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.6	The PCD will be operated empty as far as practicable and cannot fulfil the same role as a water storage dam, unless specifically designed to fulfil both purposes.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.7	All drains that collect the wash water and storm water will be maintained regularly. These should be free of debris and silt.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.8	All diversion canals, trenches and conduits will be designed to convey run-off from a 50-year design storm.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.9	The wash bays, hydrocarbon storage facilities and workshops will be equipped with oil separators to remove hydrocarbons from wash down water.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.10	All vehicles will be well maintained and inspected for hydrocarbon leaks weekly.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.11	Wash bay discharge water will flow through an oil separator.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.12	Fuel depots and refuelling areas will be bunded.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.13	Chemicals will be stored in a central secure area. Regular training on the responsible handling of chemicals should be undertaken. If contract plant is being used, responsible handling of chemicals and vehicle maintenance will be a key performance objective of the plant contractor.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.14	Surface water monitoring will be conducted to observe any water quality deterioration from the mining activities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.7.15	Should the surface monitoring indicate water quality contamination, the surface water users will be informed of the outcomes and Zibulo Colliery to investigate and identify action plans to remediate the impact.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8. Groundwater			
2.2.8.1	Monitoring of water and waste storage facilities is imperative to manage the risk of spillage.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.2.8.2	Monitoring of water (shallow groundwater) and waste storage facilities is imperative to manage the risk of spillage and leakage.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.3	Operate and manage the dirty water structures (PCD, dirty water diversion trenches, sewage works and water pipelines) such that it does not leak, seep or discharge dirty water into the groundwater regime. The pollution control will be lined with an HPDE liner and the trenches will be concrete lined.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.4	The PCD will be constructed to have leak detection system. The PCD to be designed to have a leak collection system with a pump with sufficient capacity to remove all leaked seepage water.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.5	The areas will be monitored for any spillages and spillages will be cleaned up immediately and the contaminated soil disposed of at the suitable area.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.6	Develop a groundwater monitoring to determine (and confirm) extent of pollution plumes. This programme will ensure that shallow groundwater regime is monitored.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.7	Modified Class C containment barrier design considered sufficient to mitigate the plume and risk to ground water resource. No receptors will be located within the predicted plume extent.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.8	Update numerical groundwater flow and transport model. Monitoring results to inform the frequency of model updates.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.9	The mine will develop and maintain a Standard Operating Procedure to contain and remediate any accidental hydrocarbon or other chemical spillages.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.10	The numerical model and geochemical study will be updated biennially during the life of mine to calibrate and validate its results and to inform effective water management and closure planning.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.8.11	Sewage Management will be conducted in compliance with the Zibulo Colliery Sewage Management Standard Procedure and the mine's relevant water use license conditions.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9. Sensitive Landscapes			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.2.9.1	Ensure that effective clean and dirty water separation are undertaken. Measures such as storm water diversion trenches, channels and silt traps will be used for the diversion and collection of clean and dirty water. The silt trap will be operated empty as possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.2	Monitor the stretch of the dirty water trenches and water pipelines for spillages/leaks and where such spillages/leaks occur, the area will be remedied as soon as possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.3	All water management infrastructure on site will be inspected at least twice per year, ideally just before the start of the wet season and then again during the middle of the wet season, for any damage or obstructions. Obstructions will be cleared and damage repaired immediately to ensure optimal operation of the infrastructure.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.4	Implement the surface water management plan that will ensure effective clean and dirty water separation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.5	Implement and maintain dirty water infrastructure around all sources of potential dirty water. Regular inspections of all water management infrastructures will be undertaken and detailed records of such inspections maintained.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.6	Minimise extent of dirty water areas.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.7	Ensure all clean water is diverted around dirty water areas and allowed to re-enter the environment.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.8	Implement dust suppression within areas where carbonaceous dust may be generated and areas of heavy vehicle traffic. Implement dust suppression on haul trucks.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.9	Implement water quality strategy.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.10	Compile an emergency response procedure for clean-up of any major spillages.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.11	All areas involving the handling of carbonaceous material and coal will be considered dirty water areas and will be isolated from the surrounding catchment. No run-off from the coal stockpile will be discharged to the environment.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.2.9.12	The topsoil stockpile will be located within a clean water area and no contaminated water will come into contact with the topsoil stockpiles. Side slopes of the topsoil stockpiles will be kept as low as possible and should ideally be vegetated to minimise sediment loss and colonisation by alien/weed vegetation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.13	The PCD will be lined and designed according to industry best practice.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.9.14	Should leakage or discharges occur, clean-up and rehabilitation of the affected areas will be undertaken as soon as possible following the event.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.10. Soils			
2.2.10.1	Implement dust suppression along the conveyor belt service road.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.11. Sensitive Landscapes			
2.2.11.1	Ensure that storm water structures and gabions are monitored and well maintained.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.11.2	The road will be designed and operate to minimise the likelihood of spillages. All vehicles will only use designated roads with no indiscriminate driving through wetland or riparian areas.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.11.3	Should large spillages occur, clean-up of the spillages will be undertaken as soon as possible following the event.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.11.4	Dust suppression will be undertaken at the facility and roads to prevent generation of excessive dust.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.12. Air Quality			
2.2.12.1	Priority will be given to continuous monitoring of ambient dust deposition rates for the full duration of the project.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13. Noise			
2.2.13.1	An emissions inventory and five-year modelling regime will be maintained throughout the life of the project.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.2	Enforce speed limits of 60km/h for the mine vehicles.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.3	Ensure routeing has less impacts on sensitive receptors.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.2.13.4	Limit vehicle speed (60km/h) within the mining right area.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.5	Ensuring all equipment in use is maintained and equipped with the OEM's required muffler/exhaust/silencer.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.6	The mine will consider the sound rating of equipment when selecting equipment.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.7	The mine will maintain a healthy consultative relationship with surrounding communities and landowners in order to facilitate the sharing of knowledge and possible complaints as well as proposed corrective/preventative actions between parties.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.8	Zibulo Colliery will (if feasible) try and use the access routes only during the daytime. Should an emergency arise that requires constant use of the route during the night-times (more than 10 vehicles in an hour), Zibulo Colliery will indicate this to receptors R4 – R6 by keeping constant communication.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.9	Prior to operations, Zibulo Colliery will discuss the use of access routes with receptors to indicate the use of the routes during night-time hours.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.10	Should Zibulo Colliery make use of access routes every night with +10 light vehicles, then the approved EMPr and the noise study will be amended, or other mitigation considered (berms, barriers, alternatives etc.).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.11	The Zibulo Colliery will implement a small berm at their entrance (opposite of the entrance), and in relation to receptor R7 (if feasible).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.12	The mine will keep continuous communication with receptors R1 – R8 regarding noises and potential loud noise events.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.13	A contact line will be made available to receptors should a valid noise complaint arise whereby receptors could lodge a complaint (and documented). Should a valid noise complaint be lodged, the Environmental Co-ordinator will contact an acoustical	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	consultant with experience in noise monitoring to evaluate the complaint.		
2.2.13.14	Quarterly ambient noise measurements will be conducted at receptor R2 – R8. The Environmental measurements will be conducted at I&AP's i.e. farmsteads, receptors, communities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.13.15	Onsite noise measurements will be considered on a frequent basis, to help identify any fault or loud equipment that may require enclosures or maintenance. It will be conducted at a frequency determined by the project team or environmental coordinator.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14. Traffic			
2.2.14.1	It is proposed that the D686 be surfaced from 100m south of the southern access position, up to the existing surfacing to the north.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14.2	Regarding non-motorised and public transport, a taxi and bus Pick-up and Drop- off zone is proposed on site for the use of employees.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14.3	A Speed limit of 60km/h will be enforced, and the proposed Speed Limit Signs are to be erected on both sides of the access positions on the D686 within 200m of the proposed access road positions.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14.4	The proposed "Heavy Vehicles" Turning	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14.5	Signs will be erected on both sides of the access positions on the D686.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14.6	U-turn space will be provided on the site to avoid dangerous movements within the site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14.7	A minimum stacking space of 225m (space for nine trucks) will be provided at the proposed accesses in front of any gate or boom, to avoid queueing onto the road and disrupting the traffic.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14.8	Surfacing of the D686 as well as the access roads will reduce the dust and increase visibility for vehicles both on the D686 and vehicles exiting the site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.14.9	D686 will be surfaced from 100m south of the southern access position, up to the existing surfacing to the north.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.2.14.10	The load out facility has been designed to accommodate the required fleet of trucks within the mine property and no queuing will be envisaged outside of the mine complex.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.15. Aesthetics			
2.2.15.1	Limit areas of disturbance to areas where the roads will be used.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.15.2	Dust suppression will be undertaken at all areas that will be affected by operational activities and where dust will be generated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.15.3	Avoid upwards lighting of structures but rather direct the light downwards to focus on the object to be illuminated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.16. Soils			
2.2.16.1	All areas necessary for the optimal operation will be kept as small as practically possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.16.2	A soil stripping and stockpiling plan must be compiled.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.16.3	The water pipeline structures will be operated to have a leak detection system.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17. Sensitive Landscapes			
2.2.17.1	Avoid any further operation within the identified wetlands, apart from the approved footprint areas.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.2	Flow connectivity across the affected wetlands, will be maintained. In this regard important considerations include the following:	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.3	Affected valley bottom wetlands are all naturally unchanneled systems. Provision will therefore be made for surface flow across the full width of the valley bottom wetlands. Concentration of flows within a single culvert will be avoided.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.4	The affected Seep wetlands are maintained predominantly by interflow, i.e. the subsurface movement of water, as well as diffuse surface runoff during and immediately after rainfall events. Crossings structures will therefore make provision for maintaining flow connectivity not only for surface flow but also subsurface flow.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.2.17.5	Conveyor over valley bottom wetlands will be covered with environmental gantries to prevent dust and fallout of coal directly into the valley bottom wetland. Floor of gantries must be impervious.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.6	Regular allowance will be made for surface flow to pass underneath the conveyor.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.7	To prevent the margins of the conveyor servitude becoming preferential flow paths and possible erosion nick points, measures such as low berms will be installed along the margins of the conveyor servitude at especially crossings B, C and D. Such berms will be kept to the smallest footprint required so as to limit unnecessary disturbance to wetland habitat.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.8	Conveyor will be designed to minimise spillage of coal and minimise generation of coal dust.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.9	Implement storm water management plan.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.10	If a spill does occur, report to relevant authorities, and attain relevant permissions to scrape clean with a bulldozer and landscape to avoid the creation of preferential flow paths which turn into erosion gullies later.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.11	Ensure that effective clean and dirty water separation are undertaken. All dirty water runoff will be diverted/draind into the PCD for re-use.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.12	The Present Ecological State of the wetland features will be maintained and not decreased due to any activities within or surrounding these wetland features.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.13	Regular inspections of the infrastructures/facilities will be conducted.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.14	Existing water quality monitoring and biomonitoring will be continued to ensure monitoring of all receiving water resources.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.15	Regular inspection and maintenance of sediment controls will be conducted.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.16	Ensure that no equipment is washed in the wetlands of the area.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.17	Potential contaminants used and stored on site will be stored and prepared on bunded surfaces to contain spills and leaks. Sufficient spill clean-up material will	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	be kept on site at all times to deal with minor spills. Larger spills will be reported to the ECO and the relevant authorities immediately.		
2.2.17.18	No abstraction of water from the wetlands or pans will be allowed unless expressly authorized in the IWULA.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.19	An alien vegetation management plan will be drawn up and implemented to limit the spread of alien vegetation into wetland habitat.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.20	All disturbed areas outside the direct development footprints will be rehabilitated and re-vegetated as soon as possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.21	A detailed procedure for the handling, storage and disposal of waste will be developed and implemented.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.17.22	The servitudes will be regularly inspected for waste or littering and clean-up operations initiated if required.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18. Surface and Groundwater			
2.2.18.1	All water that falls within the catchment area of the Structures will be retained within that area.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.2	All water management structures constructed to isolate the structures from the clean water environment and contain dirty water (drains, pipelines, sumps and pumping systems) will be maintained in good order and will not be allowed to spill to the clean water environment.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.3	Contaminated storm water runoff from the Structures will be collected and routed to the PCD.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.4	All clean water will be diverted around the areas to the nearby streams and pans.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.5	The water management system will be maintained to be in compliance with the requirements of the GN704. If any activity is not complying with the requirements of the regulations under the GN704, exemptions will be sought from the DWS. This will ensure that the surrounding surface water environment is not affected.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.6	The operation of the overland conveyor belt will be undertaken to comply with GNR 704 of the NWA. Storm water from dirty area will be routed to a dirty water management system, in accordance with GNR	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	704 of the NWA. Should a legal discharge occur as a result of extreme rainfall conditions, the surface water systems will have enough capacity to dilute poor quality water. The impacts from extreme rainfall conditions will be low and will last for a short duration.		
2.2.18.7	Surface and groundwater monitoring will be conducted.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.8	If it can be proven that the mine is indeed affecting the quantity of groundwater available to certain users, compensation investigations will be conducted.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.9	Mine machinery will be repaired in the workshop. No maintenance outside the dedicated workshop will be allowed unless it is emergency repairs which must be on protected ground.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.10	All spillages will be contained and the affected areas remedied. An emergency preparedness plan, which will be in line with the mine's environmental emergency plan and the norms and standards for the waste storage facilities will be used. Where necessary, sufficient supply of absorbent fibre will be kept at site to contain accidental spills.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.11	Training for the waste storage facilities will be conducted for employees working with waste (hydrocarbon liquid), including contractors' employees.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.18.12	Credible waste collectors will be used for the removal of waste from the site to a registered waste disposal facility.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.19. Air Quality			
2.2.19.1	Baseline monitoring at these sites will commence at least one year prior to the onset of the construction phase.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.19.2	PM10/2.5 monitoring will be conducted.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.19.3	Conduct dust suppression on haul and access roads on a regular basis.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.19.4	Monitor the dust fall out concentration and ensure that significant source of pollution is managed, annually. Ambient monitoring will be used in combination with modelling and emission inventory to assess the	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	effectiveness of control measures at source and receivers, on an annual basis.		
2.2.19.5	Traffic will be restricted to demarcated areas and traffic volumes and speeds within the shaft complex construction site will be controlled.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.19.6	The farmers and community meetings conducted by the mine will be used for environmental reporting and community liaison on matters relating to the impacts on air quality.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.19.7	Reduce unnecessary traffic and minimise travelling distance through good layout and process design.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.19.8	Limit the area of operation to what is necessary.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.19.9	Rehabilitation of disturbed areas will be performed as soon as practicable.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.20. Noise			
2.2.20.1	Limit the maximum speed on the haul roads to 60 km/h or less.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.20.2	Ensure that the employees are issued with earplugs and that they are instructed to use them.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.20.3	Educate employees on the dangers of hearing loss due to conveyor belt noise.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.20.4	Any deviation detected by the noise monitoring results will be addressed.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.20.5	All equipment (especially transfer points, conveyor drive systems etc.) will be enclosed where practically possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.20.6	Equipment will be well maintained and fitted with the correct and appropriate noise abatement measures such as acoustical mufflers (or silencers),	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.2.20.7	Smaller or less quitter equipment will where possible be used when operating near receptors.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3. COMBINED MITIGATION MEASURES			
<i>Access Roads, Conveyor Belt, Underground Water Pipeline; Overhead Powerlines, Offices, Workshops, Contractor's Site, Sewage Treatment Facility, Load-out Station, Eskom Substation, Clean and Contaminated Overburden Stockpiles; Potable Water Storage Facility; Waste Storage Facility; Ventilation Shaft; Stone Dust Silo; Coal Storage Area; PCD, Sumps and Diversion Structures; Extension of Underground Mine Workings; Boxcut</i>			
2.3.1. Sites of Archaeological and Cultural Importance			
2.3.1.1	Fence all graveyards in and have a grave management plan drafted for the sustainable	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	preservation thereof. These include graveyards no 2 (within 1 km from the overland conveyor belt) and no 3 (within 1 km from the ventilation shaft). The grave management plan will be written by a heritage expert. This usually is done when the graves are in no danger of being damaged, but where there will be a secondary impact due to the activities of the mine.		
2.3.1.2	Upon finding any archaeological or historical material, all work at the affected area will cease.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.1.3	The area will be demarcated in order to prevent any further work there until an investigation has been completed.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.1.4	An archaeologist will be contacted immediately to provide advice on the matter.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.1.5	Should it be a minor issue, the archaeologist will decide on future action, which could include adapting the HIA or not. Depending on the nature of the find, it may include a site visit.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.1.6	If needed, the necessary permit will be applied for with SAHRA. This will be done in conjunction with the appointed archaeologist.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.1.7	The removal of such archaeological material will be done by the archaeologist in lieu of the approval given by SAHRA, including any conditions stipulated by the latter.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.1.8	Work on site will only continue after removal of the archaeological/ historical material was done.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.1.9	Access will be provided to the families of the grave sites identified within the project area. Regulated visitor hours will be implemented that is compatible with mine safety rules.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.1.10	The families of the grave sites identified within the project area currently have access to these areas. Should alternatives to access the cultural heritage sites be identified during commencement of the project, the families will be notified.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.2. Traffic Impact			
2.3.2.1	A Speed limit of 60km/h will be enforced, and the proposed speed limit signs are to be erected.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.3.2.2	Traffic will be restricted to demarcated areas and traffic volumes and speeds within the shaft complex areas will be controlled.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.3. Noise			
2.3.3.1	Toolbox talks will be conducted to educate their employees and ensure that they are aware of the legislation regarding noise.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.3.2	Contractors and employees will be wary of noise levels is working near receptors R4 – R8.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.3.3	The ECO will keep continuous communication with receptors R1 – R8 regarding noises and potential loud noise events.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.3.4	A contact line will be made available to receptors should a valid noise complaint arise whereby receptors could lodge a complaint (and documented). Should a valid noise complaint be lodged, the ECO will contact an acoustical consultant with experience in noise monitoring to evaluate the complaint.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.3.5	Onsite noise measurements will be considered on a frequent basis, to help identify any fault or loud equipment that may require enclosures or maintenance. It will be conducted at a frequency determined by the project team or environmental coordinator.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.4. Aesthetics			
2.3.4.1	Where possible areas disturbed by operational activity, will be suitably top soiled and vegetated as soon as is possible. The progressive rehabilitation measures will allow for the maximum growth period before the completion of the project.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.4.2	Limit areas of disturbance to areas where the operational activities are conducted.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.4.3	Dust suppression will be undertaken at all areas that will be affected by operational activities and where dust will be generated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.4.4	Avoid upwards lighting of structures but rather direct the light downwards to focus on the object to be illuminated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.3.4.5	All existing large trees (if any) that fall outside the earthworks area will be retained. These will assist in softening the forms of the structures and obscure views to them.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.4.6	The constructed earthworks and landscapes will be maintained to reduce the visual impacts. These will include maintaining the vegetation cover over the topsoil stockpiles. The heights of these facilities will not be increased during the operational phase.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.4.7	Lighting will be conducted in manner that will reduce the impacts on visual aspects. These will include factors such as placing lights in areas and angles that will not shine towards the communities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.5. Biodiversity			
2.3.5.1	All activities will be undertaken within the approved footprint area.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.5.2	No machinery will be serviced within the grassland/wetland areas.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.5.3	Domestic waste will be collected on site and must not end up in the veldt (wetland or terrestrial).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.5.4	Dust suppression will be conducted regularly in order to have the least amount of dust settling on grassland/wetland vegetation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.5.5	Machinery will be kept in good working order to curb hydrocarbon leaks and spills that may contaminate the groundwater.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.5.6	Emergency maintenance will be conducted on protected ground (drip trays/tarpaulins).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.5.7	No snares will be set, no poaching of animals or plants may occur.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.5.8	The area will be fenced so that personnel working in this area cannot wander into the grassland/wetland areas and cause any disturbance.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.6. Air Quality			
2.3.6.1	PM10/2.5 monitoring will be undertaken.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.6.2	Conduct dust suppression on haul and access roads on a regular basis.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.3.6.3	Monitor the dust fall out concentration and ensure that significant source of pollution is managed.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.6.4	Traffic will be restricted to demarcated areas and traffic volumes and speeds within the shaft complex site will be controlled.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.6.5	The farmers and community meetings conducted by the mine will be used for environmental reporting and community liaison on matters relating to the impacts on air quality.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.6.6	Reduce unnecessary traffic and minimise travelling distance through good layout and process design.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.6.7	Limit the area of operation to what is necessary.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.6.8	Rehabilitation of disturbed areas should be performed as soon as practicable.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.7. Socio-Economic			
2.3.7.1	The proportion of job opportunities allocated to the local population will be maximised.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.7.2	Ensure good communication between the operation and surface owners and farmers whose properties might be directly affected by the population influx. Local councillors will be involved in the above communication.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.7.3	Where possible skills development should focus on scarce skills.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.7.4	Zibulo will continue implementing and enhancing their HIV/AIDS and health related programs for employees and community members.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.7.5	Zibulo will ensure that the socio- economic realities are included in their worker induction programs and that workers understand the code of conduct of the organisation. This will also apply to contractors and sub-contractors.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.7.6	Zibulo Colliery has established a communication strategy that encourages local stakeholders to communicate with the mine and has put in place monitoring and evaluation procedures to track the effectiveness of the engagement processes.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
2.3.7.7	Zibulo Colliery is in the process of establishing a verification committee that includes local councillors however opportunities created by digital technology should be considered in order to make the verification process more effective and efficient.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.7.8	Liaise frequently with affected stakeholders to ensure they have information about activities that will generate nuisance factors.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
2.3.7.9	Implement grievance mechanisms effectively.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3. DECOMMISSIONING AND CLOSURE PHASE			
3.1. REMOVAL OF INFRASTRUCTURE, BACKFILLING/ SEALING OF THE SHAFT AND REHABILITATION OF DISTURBED AREAS			
3.1.1. Topography			
3.1.1.1	All backfilled areas will be levelled and levelled areas monitored for any settlement depressions, which must be rectified as soon as possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.2. Soils			
3.1.2.1	All vehicles and machinery used at the rehabilitation site will be kept in good working order.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.2.2	No repairs of mine vehicles or machinery will be conducted at the rehabilitation site unless it is emergency repairs, which will be conducted on protected ground.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.2.3	Movement of mine vehicles and machinery will be limited to demarcated routes, which will be rehabilitated when no longer in use.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.2.4	All infrastructure will be demolished in accordance to the rehabilitation plan.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.2.5	The backfilled and levelled shaft surface will be covered with stockpiled topsoil.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.2.6	Soil amelioration will be conducted according to soil analyses as recommended by a soil specialist/suitable qualified person, in order to correct the pH and nutritional status before re-vegetation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.2.7	Implementation of a closure/ rehabilitation plan.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.2.8	The footprint will then be re-vegetated with a grass seed mixture as soon as possible in order to stabilize the soil and prevent soil loss during the rainy season.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.1.3. Surface Water			
3.1.3.1	Surface water monitoring will be conducted to observe any water quality deterioration from the mining activities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.3.2	Should the surface monitoring indicate water quality contamination, the surface water users will be informed of the outcomes and Zibulo Colliery to investigate and identify action plans to remediate the impact.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.3.3	The infrastructural areas will be rehabilitated to be free draining.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.3.4	Existing roads will be used where possible and new disturbed areas should be minimised.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.3.5	All equipment's, machinery will be well maintained to ensure that hydrocarbon spills are minimised.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4. Groundwater			
3.1.4.1	If it is found that the streams/river are negatively affected by pollution from the underground workings, measures to intercept polluted seepage water will be investigated. Should it be determined that groundwater supply to users are affected by the pollution from the workings, the Compensation investigations will be conducted.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.2	Implement as many closure measures during the operational phase, while conducting appropriate monitoring programmes to demonstrate actual performance of the various management actions during the life of mine.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.3	The PCD is removed post mine closure and its respective footprint areas rehabilitated (top soiling and seeding).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.4	All mined areas will be flooded as soon as possible to minimise oxygen from reacting with the remaining pyrite.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.5	Monitoring of water levels (quarterly) within mine voids to ensure no decant to surface occurs.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.6	A groundwater monitoring strategy as per the recommendations of the groundwater specialist report	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	will be implemented to monitor groundwater levels in the surrounding area. This will include monitoring of the shallow weathered aquifer water levels and water quality.		
3.1.4.7	The likelihood of decant, as well as its location and expected quality will be accurately determined at a high level of confidence and measures put in place to ensure that no decant or discharge of contaminated water occurs, unless it meets the applicable resource quality objectives (RQO's). Where the RQO's are exceeded, contaminated water will need to be treated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.8	Where decant cannot be prevented, a water management strategy will therefore be developed and implemented on site that will ensure that water levels within the mined-out areas are actively managed post-mining so that decant is prevented and no contaminated water is discharged into the environment untreated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.9	Opportunities for the alternative treatment options for mine water post closure will also be investigated to reduce maintenance costs and responsibilities of water treatment post closure.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.10	Mine design will consider the expected decant point and where possible be optimised to ensure to as far as possible prevent decant as predicted by the groundwater modelling. Where possible and if decant cannot be prevented, mine designs will target to have the decant point located outside any wetland or watercourse habitat, with sufficient space between the expected decant point and adjacent wetlands or watercourses to allow for suitable management interventions, including potentially the passive treatment of decant.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.4.11	A clear action plan will be developed to respond to water quality problems picked up by regular monitoring.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5. Sensitive Landscapes			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.1.5.1	The site will be rehabilitated to approximate the current landscape profile and will be re-vegetated with locally occurring indigenous grasses.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.2	During the decommissioning and closure phase, the incline shaft will be closed and all surface infrastructures are to be removed from site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.3	Implement measures to manage stormwater runoff from the rehabilitated site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.4	The alien vegetation management plan compiled by an ecologist during the construction/operational phase of the mine will be kept in place for several years following mine closure (minimum of five years).	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.5	All species of alien invasive vegetation will be controlled and removed from site. No spread of alien vegetation into any wetlands or adjacent properties should be allowed.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.7	All disturbed and transformed areas will be landscaped to approximate the natural landscape profile, but should avoid steep slopes and concentrated run-off where possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.8	Compacted soils will be ripped and scarified.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.9	The rehabilitated areas will be re- vegetated as soon as possible following completion of the earthworks to minimise erosion.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.10	Regular long-term follow up of rehabilitated areas will be required to ensure the successful establishment of vegetation and to survey for any erosion damage on site. Erosion damage will be repaired immediately.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.5.11	Sediment traps will be placed in rehabilitated areas to avoid sedimentation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.6. Air Quality			
3.1.6.1	Wet suppression using water carts will be conducted at areas with excessive dust emissions, which include unpaved roads. Chemical surfactants will be considered should water suppression not yield satisfactory results.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.6.2	The existing and new paved roads needed during decommissioning will be maintained, which will reduce	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	the extent of areas that can generate dust. These roads will be rehabilitated after their use.		
3.1.6.3	The traffic volumes and speed within the shaft complex will be controlled. This will be in accordance to the safety rules of the mine.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.6.4	The farmers and community meetings conducted by the mine will be used for environmental reporting and community liaison on matters relating to the impacts on air quality.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.7. Visual Aspects			
3.1.7.1	All infrastructures will be removed during this phase in accordance to the rehabilitation plan.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.8. Noise			
3.1.8.1	The ECO will keep continuous communication with receptors R1 – R8 regarding noises and potential loud noise events.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.8.2	A contact line will be made available to receptors should a valid noise complaint arise whereby receptors could lodge a complaint (and documented). Should a valid noise complaint be lodged, it is advised that the ECO contact an acoustical consultant with experience in noise monitoring to evaluate the complaint.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.8.3	Onsite noise measurements will be considered on a frequent basis, to help identify any fault or loud equipment that may require enclosures or maintenance. It will be conducted at a frequency determined by the project team or environmental coordinator.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.8.4	Annual noise measurements will be conducted at receptor R2 – R8. The Environmental measurements should be conducted at I&AP's i.e. farmsteads, receptors, communities.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.9. Sites of Archaeological and Cultural Importance			
3.1.9.1	The rehabilitation activities will be undertaken such that it is away from the identified grave site.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.9.2	The fence around the graves within the mining area will be maintained in good order and access to the	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	grave yards will be made available to the family of the deceased.		
3.1.10. Socio-Economic			
3.1.10.1	Transfer and redeploy employees and contractors wherever possible.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
3.1.10.2	Implement non-mining related skills development programmes for employees and family members through the SLP throughout the life of mine to enable retrenched employees to seek alternative employment or start income-generating businesses.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4. AFTER CLOSURE PHASE			
4.1.1. Groundwater			
4.1.1.1	Monitoring of water levels (quarterly) within mine voids to ensure no decant to surface occurs.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4.1.1.2	Adaptive Management of mine water levels will environmentally critical water levels be breached, i.e. decant to surface.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4.1.1.3	Monitoring of water qualities (quarterly for 5 years, thereafter annually until stabilised) within mine voids and overlying aquifer, on quarterly basis.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4.1.1.4	Adaptive Management of mine water levels will environmentally critical water levels be breached, i.e. "decant" to weathered Karoo aquifer.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4.1.1.5	Should mine water enter the shallow Karoo aquifer, hydraulic plume containment will be initiated.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4.1.1.6	The mine will ensure that any exploration borehole within the mine lease area is properly sealed to prevent vertical flow paths to surface based on best practice. Similarly, the shafts should be sealed to prevent surface water and minimise oxygen ingress. Prior the installation of a seal adequate monitoring equipment within the underground mine workings will be installed to monitor the rate of flooding and quality of water within the flooded mine voids.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4.1.1.7	Mine design will consider the expected decant point and, where possible, will alter the mine plan to have the decant point located outside any wetland or watercourse habitat, with sufficient space between the	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	expected decant point and adjacent wetlands or watercourses to allow for suitable management interventions.		
4.1.1.8	The numerical model will be updated biennially post closure for 20 years to increase the confidence in the post closure predictions.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4.1.2. Surface Water			
4.1.2.1	Anglo American have specific decant management procedures and standards, outlined in their "long term commitment" plan. These standards and procedures will be employed to mitigate the effects of future decant. The intention of the mitigation will be to either stop the decant, improve the decant water quality to discharge standards agreed to by the appropriate catchment management agency or the Department of Water and Sanitation, or reduce decant to acceptable volumes agreed to by the appropriate catchment management agency or the Department of Water and Sanitation.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).
4.1.2.2	Methods to improve the decant water quality could include flooding of the mining areas, where practical, to reduce oxygen ingress. Routing seepage through lime pits can also improve the water quality if the flows are low enough.	N/A	The condition falls outside the scope of the audit period (August 2024 - July 2025).

5. SUMMARY OF RESULTS

This section provides a summary of the results of the annual external environmental performance assessment (2024 - 2025) conducted at Zibulo Colliery: Underground from 24 – 26 June 2025 as detailed in Section 4 (Tables 3 - 5).

5.1. NON-COMPLIANCES

Seventeen (17) non-compliances with conditions of the EA and EMPr were raised for the assessment period (2024 – 2025). A summary of the non-compliances is provided in TABLE 8.

5.2. ACTIONS TO ADDRESS THE NON-COMPLIANCES

Zibulo Colliery: Underground developed an action plan to address the non-compliances with EA and EMPr conditions and the proposed corrective/ preventative measures, responsible persons and target date are included in TABLE 8.

Implementation and effectiveness of actions to address the non-compliances will be evaluated during the next annual external environmental performance assessment, currently scheduled for August 2025.

5.3. RECOMMENDATIONS TO AMMEND THE ENVIRONMENTAL MANAGEMENT PROGRAMME

The EMPrs provides adequate mitigation measures for avoiding, managing and mitigating environmental impacts associated with Zibulo Colliery: Underground's authorised activities. In terms of Section 34(4) of the EIA Regulations (GN R984 of 2014), no recommendations are made to amend the conditions of the EMPrs.

TABLE 8: SUMMARY OF NON-COMPLIANCES AND ACTION PLAN

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADDRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
NC 001	<p>The "Zibulo Competency Training and Authority Procedure" (Doc No. ZIB-ENV-PRO-0805, dated 10 October 2017) mandates employees, permanent, long term and medium term contract staff, and those returning from annual leave to attend annual site induction prior to commencing work on site. The "Zibulo Environmental Induction" (Doc No. V5) was availed to the auditors and includes waste management as one of the training topics. Additionally, monthly environmental topics are distributed to agents, subcontractors and employees and a copy of the November monthly topic which focused on Waste Management was provided to the auditors for verification. Further to that, Zibulo Colliery manages waste in accordance with the "Zibulo Colliery Waste Management Procedure" (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017) which includes the requirements for waste separation at source, the use of colour coded waste receptacles with signage indicating the waste type, waste disposal and records keeping. However, during the site inspection, poor waste management and poor housekeeping practice was observed as follows:- Litter was observed in the clean water canal culvert near the offices.- Substantial littering and poor containment of waste was observed at the Stone Dust Silo, Ventilation Shaft No. 2, Standby Generator Yard and the Access Road to the Contractor's Area. A heap of coal dumped in the area was also</p>	<p>Conduct site-wide clean-up campaign for all affected areas.</p> <p>Implement weekly housekeeping inspections with a checklist.</p> <p>Provide refresher induction on waste separation and housekeeping.</p> <p>Install additional colour-coded waste bins where needed.</p> <p>Enforce penalties/escalation process for repeated non-compliance.</p> <p>Develop waste management awareness posters & signage.</p> <p>Assign dedicated waste Champions per operational area.</p>	<p>Environmental team, training facilitator and department managers</p>	<p>Immediately</p>

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADDRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
	observed.- Mixing of General and Hazardous waste, overflowing skips and spill kit used as a bin were observed at the service bay area.- Poor housekeeping and substantial littering were observed at the contractor's yard and at the salvage yard.			
NC 002	During the site inspection, the storage of unassembled parts contaminated with hydrocarbons were observed beyond the down-gradient cutoff trench at the Sub Assembly Bay.	Relocate unassembled parts to designated contained storage areas. Reinforce storage guidelines with all staff, emphasizing containment areas for hydrocarbons and chemicals. Mark and signpost all containment boundaries clearly to prevent future non-compliance.	Logistics team, area supervisor and surface engineering	Immediately
NC 003	Zibulo Colliery: Underground Mining implements water spraying using water bowzers and enforcing speed limits on site to reduce and manage dust generation. However, no dust management measures were in place at the incline shaft area. During the site inspection, a significant amount of dust was observed in this area, with the sources of dust being the fine coal material in the vicinity, coal stockpiles and coal spills from the conveyor belt.	Deploy water bowser route for incline shaft area. Clean coal spillage around conveyor area. Apply chemical dust suppressant to high-risk areas. Implement coal spill prevention SOP for conveyors.	mining manager, conveyor maintenace team	February 2026
NC 004	The ECA (Act 73 of 1989) provides the requirements for environmental noise monitoring of disturbing noise and nuisance noise in accordance with the National Noise Control (NCC) Regulations (GN R154 of 10 January 1992) and using the methodology in SANS 10103: 2008: The Measurement and Rating	Appoint an accredited environmental noise specialist to conduct an environmental noise assessment (once-off). Review findings and implement required	Environmental Superintendent	July 2026

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADDRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
	<p>of Environmental Noise with Respect to Annoyance and to Speech Communication. Furthermore, where noise levels exceed the limits in the NNC Regulations (GN R154 of 1992), the noise source must be identified and mitigation measure must be implemented.</p> <p>Although Zibulo Colliery: Underground Mining undertakes occupational noise monitoring and monitoring in terms of ground vibration and air blast, this does not meet the requirements of the recommended Environmental Noise Monitoring in terms of the NCC Regulations (GN R154 of 1992) under the ECA (Act 73 of 1989). Zibulo Colliery: Underground Mining indicated that Environmental Noise Monitoring is budgeted for 2026. In this regard, although there is no legal requirement to undertake environmental noise monitoring, the only manner within which to verify compliance with the prescribed limits is to undertake an environmental noise assessment, even on a once off basis.</p>	<p>mitigation measures.</p> <p>Include noise monitoring requirements into the annual monitoring plan.</p>		
NC 005	<p>During the site inspection, erosion was observed down-gradient of the 7.5 ML Dam where water was by-passing the oil separator.</p>	<p>Repair erosion gully and re-establish vegetation.</p> <p>Reconfigure channel to ensure all flow enters separator.</p> <p>Add check dams or energy dissipaters at erosion point.</p>	<p>Surface engineering</p>	<p>February 2026</p>
NC 006	<p>Monthly inspections are undertaken by the environmental team, however, the condition requires that weekly inspections where</p>	<p>Update inspection frequency to weekly and revise SOP.</p>	<p>Environmental team</p>	<p>Immediately</p>

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADDRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
	erosion control measures have been implemented be undertaken.	Designate inspection roles (Environmental Officer + Supervisors). Maintain weekly inspection records.		
NC 007	There is currently no ongoing ambient and PM10 monitoring implemented at Zibulo Colliery: Underground Mining. The "Gravimetric Dust Fallout Monitoring Report" (Doc Ref: 22-1734-ECOI), compiled by EcoE Innovative Consulting, were availed for the months between August 2024 - April 2025. However, this ambient air quality monitoring campaign is limited to monitoring locations within the Zibulo Colliery Opencast area. Additionally, PM10 and PM2.5 monitoring was conducted by EcoE Innovative Consulting with the monitoring station placed at Ogies School. PM10 monitoring reports for the months of August 2024 and September 2024 (Doc Ref: 22-1734-ECOI-PM) were provided to the auditors. Both reports indicate that no data was captured for the months due to vandalism of the unit and that the unit is awaiting relocation to a more secure site.	Replace vandalised PM10 monitor and relocate to secure site. Re-establish continuous PM10 & PM2.5 monitoring (west of site). Expand monitoring to underground areas. Maintain monthly reporting system.	Environmental team	May 2025
NC 008	Zibulo Colliery: Underground Mining reported that all PCDs are lined and monthly water dam inspections are conducted to assess key aspects that influence the effectiveness of the pollution control dams. The following reports were provided to the auditors: <i>Zibulo PCD 1 Dam Monthly Inspection Supporting Document</i> , dated 14 November 2024, <i>Zibulo PCD 2 Dam Monthly Inspection 14/11/2024 Supporting Documents</i> , dated 14 November 2024 and	Remove clogging material from inlet immediately. Inspect and clear separators monthly. Implement debris guards to prevent future blockages. Audit PCD infrastructure functionality.	Surface engineering and environmental team	Immediately

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADDRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
	<p>PCD2 Dam Monthly Inspection Supporting Document, dated 06 February 2025. The pollution control dams are further inspected during the monthly Environmental Inspections which are conducted by the environmental team. Additionally, a Bathymetric Survey was conducted by Kago Entle Group and the results thereof were documented in the report titled <i>Bathymetric surveys and orthophoto mapping of Thungela Dams</i>, dated April 2025. The aforementioned survey's main purpose is to provide actionable insights for dam management, environmental compliance and infrastructure planning to assist in ensuring that the PCD's maintain their effectiveness.</p> <p>However, it was observed during the site inspection that the channel inlet leading to the silt trap / oil separator that discharges into the 7.5 ML PCD was clogged, with indications that overflow may have previously occurred into the surrounding environment. This undermines the abovementioned measures implemented to maintain the effectiveness of the PCD (i.e. the monthly inspections and bathymetric survey). Blockages and overflows at this point make the infrastructure ineffective, as untreated contaminated runoff may bypass containment and compromise the intended system functioning of the PCD and lead to contaminated runoff containing hydrocarbons being released into the wetland system.</p>			
NC 009	Zibulo Colliery: Underground Mining implements water spraying	Procure approved dust-allaying agent	Procurement	May 2026

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADDRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
	using water bowsers and enforcing speed limits on site to reduce and manage dust generation. However, the water used is not treated with Dust-aside or a similar product.	product. Apply dust-allaying agent immediately after stockpiling. Implement a checklist for soil stockpile treatment.	officer, mining manager and environmental officer	
NC 010	Although Zibulo Colliery appoints an independent external auditor to conduct annual audits to verify compliance with the conditions of their EAs and Environmental Management Programmes (EMPRs) and the non-compliances with conditions of the EA and EMPr identified during the audit are reported to the DMRE, such non-compliances are not reported to the DMRE within the specified 24 (twenty-four) hours.	Implement a 24-hour incident notification system (SMS/email template). Train environmental staff on mandatory reporting timelines. Maintain log of all reported non-compliances.	Environmental team and training facilitator	Immediately
NC 011	A copy of the EA is available on Zibulo Colliery's SharePoint system and was made available to the auditors upon request. However, the associated EMPr was not made available to the auditors. As compliance cannot be assumed, the auditors cannot make a compliant finding for this condition.	Locate, upload and file the approved EMPr on SharePoint and physical site file. Brief all relevant site personnel on EMPr requirements.	Environmental superintendent	Immediately
NC 012	No prior annual environmental audit was undertaken for this EA. There were no records of any audit history available at the time of the audit. Compliance with this condition can therefore only be assessed going forward.	Document audit outcomes and mitigation actions.	Environmental superintendent	July 2026
NC 013	Cleaning of construction equipment and vehicles entering and leaving the site to reduce the spread of AIPs was not undertaken	Establish designated vehicle and equipment wash-down areas at site	Surface engineering	July 2026

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADDRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
	<p>during the audit period (August 2024 - July 2025).</p> <p>Zibulo Colliery: North Shaft reported that ongoing eradication is undertaken at the site to manage and prevent the spread of AIPs. The "Alien Vegetation Management Plan for Zibulo Colliery: North Shaft" (Doc No 41104759, dated March 2024), compiled by WHP (Pty) Ltd provides guidance on the management and eradication of AIPs. At the time of the inspection, a team was observed actively removing alien vegetation.</p>	<p>entry and exit points.</p> <p>Implement compulsory wash-down procedures for all construction vehicles and mobile equipment.</p> <p>Ensure wash-down activities are recorded in a site logbook. Integrate vehicle cleaning requirements into site induction and toolbox talks.</p>		
NC 014	<p>No evidence was available during the audit to verify that mine vehicles were fitted with standard silencers prior to beginning of construction.</p>	<p>Conduct a full inspection of all mine and construction vehicles operating on site.</p> <p>Fit standard silencers where missing or non-compliant.</p> <p>Compile and retain compliance records (inspection checklist and photographs).</p>	Diesels	July 2026
NC 015	<p>During the site inspection, an adequate placement of chemical toilets were observed around the site and were well maintained. However, spillages were observed at the septic tank at the Murray and Roberts laydown area.</p>	<p>Clean up septic spillages immediately using appropriate containment and disposal methods.</p> <p>Inspect septic tanks for leaks or overflows and repair as required.</p> <p>Dispose of contaminated material at a licensed facility.</p>	Environmental team and contractor facilities manager	Immediately

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADDRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
		Implement routine inspection and maintenance schedule for septic systems.		
NC 016	The Gravimetric Dust Fallout Monitoring Reports (Doc Ref. 22-1734-ECOI, dated August 2025), compiled by EcoE Innovative Consulting, was availed to the auditors. The report provides the dust fallout monitoring results as measured from seven (7) gravimetric dust fallout monitoring gauges. The results indicated non-compliance with the non-residential dust fallout standards in terms of the National Dust Control Regulations at monitoring points R1 and R14 . Two sequential monthly exceedances of the non-residential dust fallout standard was recorded at monitoring point R1 during the audit period. Three exceedances of the non-residential dust fallout standard was recorded at monitoring point R14 during the audit period.	<p>Identify and assess dust sources contributing to exceedances.</p> <p>Implement additional dust suppression measures (water spraying and traffic control).</p> <p>Review and update the Dust Management Plan.</p> <p>Increase dust suppression during dry and windy conditions.</p> <p>Conduct trend analysis and respond proactively to rising dust levels</p>	Site manager, training facilitator and environmental team	January 2026
NC 017	The baseline WET-Health data (PES scores) is provided in the Zibulo North Shaft Project: Wetland Delineation & Impact Assessment (2020). However, a WET-Health Level 2 or suitable alternative wetland monitoring was not undertaken during the audit period to compare with the baseline.	<p>Appoint a suitably qualified wetland specialist.</p> <p>Conduct a WET-Health Level 2) assessment.</p> <p>Compare results against baseline PES scores.</p> <p>Include wetland monitoring in the site</p>	Environmental superintendent	July 2026

NC No.	NON-COMPLIANCE DESCRIPTION	ACTIONS TO ADRESS NON-COMPLIANCE	RESPONSIBLE PERSON	TARGET DATE
		environmental monitoring schedule. Ensure monitoring timelines align with EMPr requirements.		

6. CONTINUAL IMPROVEMENT

The previous annual external environmental performance assessment (2023 – 2024) was conducted on 05 – 08 August 2024 and the results were reviewed in the "*Zibulo Colliery: Underground Annual External Environmental Performance Assessment Report (2023/ 2024)*" compiled by NTC Group (Pty) Ltd.

Non-compliances with conditions of the EAs and EMPs raised in the previous annual external environmental performance assessment (2023 – 2024) have been addressed and rectified. Three (3) repeat non-compliances occurred for the current assessment period (2024 – 2025).

Areas of improvement are evident through the closure of a number of previous findings. This reflects a degree of continuous improvement, however, further effort and consistent implementation of corrective actions are required to achieve full compliance and prevent repeat non-compliances.

Zibulo Colliery: Underground demonstrated the implementation of environmental management measures based on the documentation reviewed and observations during the site inspection for the current assessment period (2024 – 2025) and is encouraged to continually improve its environmental performance and compliance with conditions of the EA and EMP.

7. CONCLUSION

Zibulo Colliery: Underground largely complies with the conditions of the EA and EMPs. Seventeen (17) non-compliances with conditions of the EAs and EMPs were raised in the external environmental performance assessment (2024 - 2025) conducted on 24 – 26 June 2025.

The environmental impacts resulting from the non-compliances with EA and EMP conditions are deemed to be limited in nature and extent. Furthermore, the corrective/ preventative measures provided by Zibulo Colliery: Underground to address the non-compliances can be affected within a short timeframe. The implementation and effectiveness of actions to address the non-compliances will be evaluated during the next annual external environmental performance assessment.

The assessment team concludes that Zibulo Colliery: Underground implements effective environmental management practices. The EA, EMP and documentation reviewed during the

assessment provides sufficient measures to avoid, manage and mitigate environmental impacts associated with Zibulo Colliery: Underground's activities, if adhered to.

Zibulo Colliery: Underground is commended for the proactive approach and effective management of the environment. The assessment team would also like to thank Zibulo Colliery: Underground for their cooperation, transparency and the hospitality extended during the external environmental performance assessment.

8. REFERENCES

- Environmental Authorisation for the Zondagsfontein Coal Mine Project (DARDLEA Ref. 17/2/2/2 NK-7) issued to Anglo Inyosi Coal for the proposed Zondagsfontein Coal Mine Project at Zondagsfontein Coal Mine (Zibulo), Ogies, Mpumalanga.
- Environmental Management Programme (March 2008) for Anglo Inyosi Coal (Pty) Ltd in respect of the Farm Zondagsfontein 253 IR and others, situated in the Magisterial Districts of Witbank and Delmas, Mpumalanga Regions approved by the Department of Mineral Resources on 17 June 2010 (DMRE Reference: (MP) 30/5/1/2/3/2/1 (305) EM).
- Environmental Authorisation issued in terms of the National Environmental Management Act, 1998 (NEMA) as amended, the Environmental Impact Assessment (EIA) Regulation, 2014 for the Environmental Management Programme in relation to the construction of Uncast Ventilation Shaft, Downcast Ventilation Shaft, four fan units, MCC Building, Transformer Bays, Electrical skids, Electrical infrastructure and cable support, remaining platform area, contractors yard, gravel access road (Existing to be upgraded) storm water berms and electrical powerline, situated within the magisterial district of Ogies: Mpumalanga Region; dated 26 July 2022 with DMRE reference no. (MP) 30/5/1/2/3/2/1/(305)EM.
- Thungela Zibulo Colliery: Underground, Annual External Environmental Performance Assessment Report (2023 - 2024) (January 2025) compiled by NTC Group (Pty) Ltd.
- Zibulo Competency Training and Authority Procedure (Doc No. ZIB-ENV-PRO-0805, dated 10 October 2017) .
- Zibulo Environmental Induction (Doc No. V5).
- Thungela Zibulo Colliery Induction Schedule 2025 - Register dated 19 May 2025.
- Water Use Licences (WUL Ref. 04/B11E/CGIJ/692, dated 14 December 2022).
- Approval of the Environmental Management Programme for Anglo Inyosi Coal (Pty) Ltd in respect of the farm Zondagsfontein 253 IR and others, situated in the Magisterial Districts of Witbank and Delmas: Mpumalanga Region (DMRE Ref. MP 30/5/1/2/3//2/1 (305) EM).

- Incident and Non-Conformance Reporting Procedure (Doc No. ZIB-ENV-PRO-0814 , dated 10 November 2017).
- Zibulo Colliery Waste Management Procedure (Doc No. ZIB-ENV-PRO-0835, dated 10 November 2017).
- Certificate of Approval issued by Emalahleni Local Municipality Environmental and Waste Management for Fortchportch (Pty) Ltd (Permit number. Env 001/2025, dated 22 January 2025).
- Safe Disposal Certificates.
- Zibulo Colliery: Underground Mining's Emergency Preparedness Procedure (Doc No. ZIB-ENV-PRO-0808, dated 30 January 2018).
- Gravimetric Dust Fallout Monitoring Report (Doc Ref. 22-1734-ECOI), compiled by EcoE Innovative Consulting.
- Zibulo PCD 1 Dam Monthly Inspection Supporting Document dated 14 November 2024, Zibulo PCD 2 Dam Monthly Inspection 14/11/2024 Supporting Documents dated 14 November 2024 and PCD2 Dam Monthly Inspection Supporting Document dated 06 February 2025.
- Bathymetric surveys and orthophoto mapping of Thungela Dams, dated April 2025.
- Thungela Social and Labour Plan Zibulo Colliery MP30/5/1/2/2/305MR (2021 - 2025).
- Thungela Resources Zibulo Colliery Water Balance Report (Ref no. 41106601-REP-00002, dated April 2025).
- Biomonitoring and Ecotoxicity Assessment Programme for Zibulo Colliery in Mpumalanga Province (Doc. No. 005, dated November 2024), compiled by Marve Thabi Consulting Engineers (Pty) Ltd.
- Zibulo Colliery Aquatic Biomonitoring High Flow Memo Mpumalanga Province South Africa (Doc. No. 006, dated June 2025).
- Zibulo Colliery's Host Community Supplier Database 2025.
- Thungela Social and Labour Plan Zibulo Colliery MP30/5/1/2/2/305MR, Application for Section 102 for period: 2021 – 2025.
- Update of the Surface Water Flood Risk Management Plan and Stormwater Management Plan: Zibulo Colliery" (Doc. No. 20140910-338698-1; dated January 2021), compiled by Golder (Pty) Ltd.

APPENDIX A
AUDITOR DECLARATION

The Environmental Assessment Practitioner General declaration:

I, **TEBOHO MOTINYANE** declare that –

- I act as the independent environmental practitioner in this Audit.
- I will perform the work relating to the audit in an objective manner, even if this results in views and findings that are not favourable to the auditee.
- I declare that there are no circumstances that may compromise my objectivity in performing such work.
- I have expertise in conducting environmental compliance audits, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity.
- I will comply with the Act, Regulations, and all other applicable legislation.
- I have not and will not engage in, conflicting interests in the undertaking of the activity.
- I will provide the competent authority with access to all information at my disposal regarding the audit, whether such information is favourable to the auditee or not; will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal, or other) in the activity other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014.

Signature: _____

Company: **NTC GROUP (PTY) LTD**

Date: **10 DECEMBER 2025**

The Environmental Assessment Practitioner General declaration:

I, **RAISIBE MABIZA**, declare that –

- I act as the independent environmental practitioner in this Audit.
- I will perform the work relating to the audit in an objective manner, even if this results in views and findings that are not favourable to the auditee.
- I declare that there are no circumstances that may compromise my objectivity in performing such work.
- I have expertise in conducting environmental compliance audits, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity.
- I will comply with the Act, Regulations, and all other applicable legislation.
- I have not and will not engage in, conflicting interests in the undertaking of the activity.
- I will provide the competent authority with access to all information at my disposal regarding the audit, whether such information is favourable to the auditee or not; will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal, or other) in the activity other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014.

Signature: 

Company: **NTC GROUP (PTY) LTD**

Date: **10 DECEMBER 2025**

The Environmental Assessment Practitioner General declaration:

I, **ASANDA SHOBEDE**, declare that –

- I act as the independent environmental practitioner in this Audit.
- I will perform the work relating to the audit in an objective manner, even if this results in views and findings that are not favourable to the auditee.
- I declare that there are no circumstances that may compromise my objectivity in performing such work.
- I have expertise in conducting environmental compliance audits, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity.
- I will comply with the Act, Regulations, and all other applicable legislation.
- I have not and will not engage in, conflicting interests in the undertaking of the activity.
- I will provide the competent authority with access to all information at my disposal regarding the audit, whether such information is favourable to the auditee or not; will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal, or other) in the activity other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014.

Signature: _____

Company: **NTC GROUP (PTY) LTD**

Date: **10 DECEMBER 2025**

APPENDIX C
AUDITOR'S CURRICULA VITAE



TEBOHO MOTINYANE

Company: NTC Group (Pty) Ltd

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Mobile: +27 (0) 82 459-6874

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BRIEF PROFILE

Teboho has extensive training and experience in environmental science and land management disciplines with Mining Industry (Arnot Opco, Exxaro Resources, Sasol Mining, BHP Billiton Energy Coal South Africa and Universal Coal) of about 20 years. Prior to joining the Mining Industry, Teboho has more than 5 years with the then Department of Minerals and Energy (now DMRE). He holds an MSc in Environmental Science and BSc. Hons from Rhodes University (Makanda). He is also a member of the South African Council of Natural Scientific Profession (licensed in South Africa) and is a certified ISO14001 EMS auditor. Teboho has been responsible for leading and managing numerous and varied environmental and land management projects for over 15 years.

PROFESSIONAL QUALIFICATIONS

2002:MSc (Environmental Science) - Rhodes University

1999: B.Sc. Hons. Environmental Science - Rhodes University

1994: B.Sc. Physics and Physical Geography NUL

PROFESSIONAL AFFILIATIONS

SACNASP(126871)

IAIA-SA

PROJECT EXPERIENCE

- March 2025 – Present: **Principal Consultant**, Sandton, Johannesburg, South Africa).
- June 2020 – February 2025: **Environmental and Land Manager (Arnot Opco Mine**, Rietkul Middelburg, South Africa).
- June 2018 – May 2020: **Environmental Manager (Universal Coal New Clydesdale Colliery**, Kriel, South Africa).
- March 2017 – May 2018: **Environmental Specialist (Exxaro Arnot Mine**, Rietkul, South Africa).
- March 2016 – February 2017: **Environmental Practitioner (Sasol Mining – Brandspruit and Impumelelo Collieries**, Secunda, South Africa).
- August 2015 – February 2016: **Environmental Consultant (Commonground Environmental Consulting**, Middelburg, South Africa).



RAISIBE MABIZA

Company: NTC Group (Pty) Ltd

Environmental Consultant

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BRIEF PROFILE

Raisibe Mabiza holds a BSc Honours in Environmental Management and has over ten (10) years' industry experience as an Environmental Scientist. Her experience includes environmental compliance auditing of Environmental Authorisations (EAs), Environmental Management Programmes (EMPrs), Atmospheric Emission Licences (AELs), Water Use Licences (WULs), Waste Management Licences (WMLs), as well as environmental permitting (Environmental Impact Assessment (EIA), AEL, WUL, WML) and Environmental Control Officer (ECO). She has undertaken compliance auditing, environmental permitting and on-site compliance monitoring in the mining sector. She has been involved in projects from inception to closure as both a Project Assistant and Project Manager.

PROFESSIONAL REGISTRATIONS

SACNASP Professional Natural Scientist (123746)

PROFESSIONAL QUALIFICATION

2019: Bachelor of Science Honours in Environmental Management

2014: Bachelor of Science in Environmental Management & Geology

PROJECT EXPERIENCE

Raisibe has been involved in several projects as outlined below:

- Environmental Authorisation and licence compliance auditing
- Basic Assessment Reports
- Scoping and EIA
- Environmental Control Officer
- Environmental Management Programme reports
- Stakeholder Management
- Water Use License Applications
- Integrated Waste Management Plans
- Prospecting right applications
- Mining permit and mining right applications
- Assist with S24G application process



ASANDA SHOBEDE

Company: NTC Group (Pty) Ltd

Candidate EAP(2023/6575)

Mobile: +27 76 931 6055

Email: asanda@ntcgroup.co.za

BRIEF PROFILE

Asanda holds a BSS in Geography and Environmental Management. She is a proactive and detail-oriented young professional with two years of experience in administration, demonstrating strong organizational and communication skills. Adept at managing office operations, coordinating schedules, and supporting team projects to ensure seamless workflow.

Well-developed skills: GIS| Microsoft Office| EIA| Stakeholder liaison| Environmental licensing & permitting| Water Use License Application

PROFESSIONAL QUALIFICATIONS

2021: University of KwaZulu Natal, BSS Geography and Environmental Management

PROFESSIONAL AFFILIATIONS

EAPASA(2023/6575)

PROJECT EXPERIENCE

- Environmental Management Programme reports,
- Water Use license processes,
- Environmental Authorisation
- Environmental Impact Assessments
- Stakeholder Engagement
- Environmental Compliance Auditing