EXTERNAL ENVIRONMENTAL AUTHORISATION COMPLIANCE AUDIT FOR THARISA MINERALS (PTY) LTD: THARISA MINE

COMPLIANCE AUDIT REPORT 2023

GREEN GOLD REF NO.: GGG23/47

DATE: 2023/11/30

PREPARED BY:

Green Gold Group (Pty) Ltd

PREPARED FOR:

Tharisa Minerals (Pty) Ltd

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DOCUMENT CONTROL

AUDITING COMPANY	Green Gold Group (Pty) Ltd
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SIGNATURE:		

DECLARATION OF ENVIRONMENTAL AUDITOR

I, Thato Motlatla, as representative of Green Gold Group declare that;

- I act as an independent auditor working under supervision of Lead Auditor Lebohang Moiloa;

- I perform all work relating to the audit in an objective, independent manner, even if this results in views and findings that are not favorable to the applicant;

- There are no circumstances that may compromise my objectivity in performing such work;

- I have expertise in conducting the environmental audit relevant to this submission, including knowledge of the Act, Regulations and any guidelines that have relevance to the activity;

- I will comply with the Act, Regulations and relevant legislation;

- I have no, and will not engage in, conflicting interests in the undertaking of the audit;

- I undertake to disclose to the applicant/ Environmental Assessment Practitioner appointed by the applicant and the competent authority of all material information in my possession that reasonably has or may have the potential of influencing any decision to be taken with respect to the activity by the competent authority; and the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;

- All the particulars furnished by me in this form are true and correct.

Signature of the environmental auditor: Thato Motlatla

ENVIRONMENTAL AUDITOR	EXPERTISE
Thato Motlatla BSc Hons (Geography), Cand. Sci. Nat. Reg No.: 153152	Has completed a BSc Honours in Geography. Thato has experience and knowledge on compliance monitoring and auditing, environmental assessment reporting.

1. INTRODUCTION

Tharisa Minerals (Pty) Ltd owns and operates Tharisa Mine, which is an open cast mine that produces chrome and platinum group metals (PGMs) ore. The mine is situated immediately north of the N4 roadway in Marikana, Rustenburg Local Municipality in the North-West Province (Figure 1).

Since its commissioning in 2008, Tharisa Mine has been issued several Environmental Authorisations (EAs) in terms of the National Environmental Management Act (Act No. 107 of 1998), 1998 (NEMA) as amended and Mineral and Petroleum Resources Development Act (Act No. 28 of 2002) (MPRDA), for the facilities and operations within the mine.

Tharisa Mine is required to conduct annual EA compliance audits to assess the mine's compliance with the conditions stipulated in the EAs that have been issued to them from 2008 to 2023. Green Gold Group (Pty) Ltd was appointed to undertake an independent external EA compliance audit for Tharisa Mine for the year 2023.

Figure 1: Locality Map: Tharisa Mine

2. AIM OF THE AUDIT

The aim of this audit is to assess and quantify Tharisa Mine's overall compliance status to the EAs issued to the mine, and provide recommendations based on the findings of the audit.

3. AUDIT SCOPE AND METHODOLOGY

The audit methodology followed in this EA compliance audit is as per Section 34 of Government Notice Regulation (GNR) 982 in terms of NEMA.

The scope of this external audit covers 10 EAs (issued to Tharisa Mine since its inception; the EAs are listed in Table 1). The EAs were reviewed in order to determine the scope of the external audit. From these EAs, audit checklists were drawn (APPENDIX 2: COMPLIANCE AUDIT CHECKLISTS). Each checklist captures conditions of a particular EA, and these are used to gauge whether the EA Holder has complied or is complying with each EA condition. The audit process followed includes an on-site and off-site document review, data verification site inspections, evidence collection and report-writing.

Table 1 Environmental Authorisations covered in the audit

DOCUMENT NUMBER	DATE ISSUED	DESCRIPTION
1. Ref: (NW) 30/5/1/2/3/2/1/358EM	19/09/2008	ROD Approving EMPR in terms of the Mineral and Petroleum Resources Development Act ,2002 (Act 28 of 2002) - for the mining right
2. Ref: NWP/EIA/159/2007	23/10/2009	ROD Approving EIA in terms Section 24 (2) (a) of the National Environmental Management Act, 1998 (as amended) and Environmental Impact Assessment Regulation 2006 (Regulation 37) with regard to undertaking of the activity as required by Government Notice No. R385 of 21 April 2006
3. Ref: NW/EIA/159/2007	29/08/2011	Amendment of an Environmental Authorization made in terms of Regulation 39 of EIA Regulations by adding the transmission and distribution of above ground electricity with a capacity of 120kVs or more
4. Ref 14/12/16/3/3/2/408	15/11/2012	ROD Approving EIA in terms Section 24 (2) (a) of the National Environmental Management Act, 1998 (as amended) and Environmental

		Impact Assessment Regulation 2006: Diversion of an existing 275kV powerline and associated infrastructure.
5. Ref: NWP/EIA/50/2011	29/04/2015	Environmental Authorisation for the construction and operation of a sand drying plant, storage of fuel, changes in tailings & waste rock dump footprints, construction and operation of a new waste rock dump and disturbances of a water course.
6. Ref: (NW) 30/5/1/2/3/2/1/358EM	24/06/2015	Addendum to the approved EIA/EMPR in terms of Section 102 of the minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002) - To include changes to the pit, tailings dam & waste rock facilities and a chrome sand drying plant.
7. Ref: (NW) 30/5/1/2/3/2/1/358EM	14/08/2020	Amendment of an Environmental Authorization in terms of the National Environmental Management Act, 1998 (as amended) and the Environmental Impact Assessment (EIA) Regulations, 2014 in respect of the upgrade of the existing waste-water treatment plan.
8. Ref: (NW) 30/5/1/2/3/2/1/358EM	03/08/2021	Amendment of an Environmental Authorization in terms of the National Environmental Management Act, 1998 (as amended) and the Environmental Impact Assessment (EIA) Regulations, 2014 in respect to an application for an Environmental Authorization together with a waste license for the increase in storage capacity of tailings and waste rock dumps as well as the increase in the authorised fuel storage capacity
9. Ref: (NW) 30/5/1/2/3/2/1/358EM	31/05/2023	Amendment of an Environmental Authorization in terms of the National Environmental Management Act, 1998 (as amended) and the Environmental Impact Assessment (EIA) Regulations, 2014 in respect to an application for an Environmental Authorization together with a waste license for the expansion of the existing and approved far west waste rock dump 1 by a footprint of 109HA and the

		establishment of a waste rock dump on backfilled portions of the east pit by a footprint of 72HA
10. Ref: NW30/5/1/2/3/2/1/ (358) EM	10/08/2021	Rectification of unlawful commencement with a listed activity as contemplated in section 24G of the National Environmental Management Act,1998 (Act 107 of 1998) as amended.

10.1. REVIEW OF DOCUMENTS

Additional documents that were reviewed and verified as part of the audit are in Table 2.

Table 2 Additional documents reviewed

No.	Document
a)	Surveyed plan; proof of submission of surveyed plan
b)	Financial provision, proof of submission of financial provision
c)	2022 External environmental authorisation compliance audit report, proof of submission of report
d)	Complaints register
e)	Environmental incidents register 2022-2023
f)	Section 24G Public Participation Process documents
g)	Waste management plan (February 2022)
h)	Standard operating procedure: accident and incident reporting and investigations (November 2022)
i)	2022 Biennial EMPR performance audit, proof of submission of report
j)	Emergency preparedness and response plan (June 2023)
k)	Certificate of registration: Tharisa sewage treatment facility

l)	Employee training certificates and inductions
m)	WWTP Public Participation Process documents
n)	Alien invasive eradication programme photos and reports
o)	Water and salt balance report 2021

10.2. SITE VISIT

On the 3rd of October 2023, a site visit was conducted with Tharisa Mine's environmental team. The site visit covered all activities listed in the 10 EAs covered in this audit. During the site visit, the processes and daily operations (relevant to the scope of the audit) of the mine's facilities were observed. Interviews were conducted and photographic records were collected.

10.3. RATING CRITERIA

The applied methodology enabled the auditors to rate each condition contained in the EAs terms of compliance by using the audit rating criteria. The compliance status of each condition was assessed and allocated a symbol depending on level of compliance. The following symbols are used in the report to illustrate compliance status:

Table 3: Rating Criteria

2	Full Compliance: The Licence Holder has complied fully with a condition;
1	Partial Compliance: The Licence Holder has complied with a condition but not fully;
0	Non-compliance: The Licence Holder has failed to comply with a condition;
N/A	Not applicable: The condition is not applicable at the time of the audit; and
-	No action required from the Licence Holder; the condition is for noting.

FINDINGS

10.4. COMPLIANCE SUMMARY

Tharisa Mine is **99%** compliant with the overall conditions of the EAs. There are total of six hundred and seven (607) conditions stipulated across all ten (10) EAs. The Licensee is fully compliant with three hundred and forty-seven (347) conditions and partially compliant with two (2). One (1) non-compliance was recorded for this audit. The remaining eighty-four (84) conditions were for noting purposes and one hundred and seventy-three (173) conditions were not applicable to the Licensee. The summary of the compliance score for each checklist is given in Table 4 and the overall compliance in Table 5. A graphic representation of the overall compliance score for the EA conditions is presented in Figure 2.

Table 4: Summary of Compliance for Each Checklist in Appendix 2

	Compliant (2)	Partially compliant (1)	Non-compliance (0)	For Noting	Not Applicable (N/A)	Total number of Conditions	Compliance status (%)
Appendix 2.1	13	0	0	1	0	**14**	**100**
Appendix 2.2	99	0	1	12	28	**140**	**99**
Appendix 2.3	1	0	0	0	0	**1**	**100**
Appendix 2.4	10	0	0	9	14	**33**	**100**
Appendix 2.5	35	2	0	5	17	**59**	**97**
Appendix 2.6	14	0	0	1	0	**15**	**100**
Appendix 2.7	48	0	0	18	30	**96**	**100**
Appendix 2.8	49	0	0	14	37	**100**	**100**
Appendix 2.9	49	0	0	14	37	**100**	**100**
Appendix 2.10	29	0	0	10	10	**49**	**100**
Overall Total	**347**	**2**	**1**	**84**	**173**	**607**	**99%**

Table 5: Overall Summary of EA Compliance

STATUS	TOTAL COUNT	SCORE	WEIGHTING
Full Compliance	347	2	694
Partial Compliance	2	1	2
Non-Compliance	1	0	0
For noting only	84	-	-
Not Applicable	173	-	-
Compliance Total	696		**99%**

STATUS	TOTAL COUNT	SCORE	WEIGHTING
Maximum Obtainable =[(C+PC+NC)*2]	700		
			99.4%

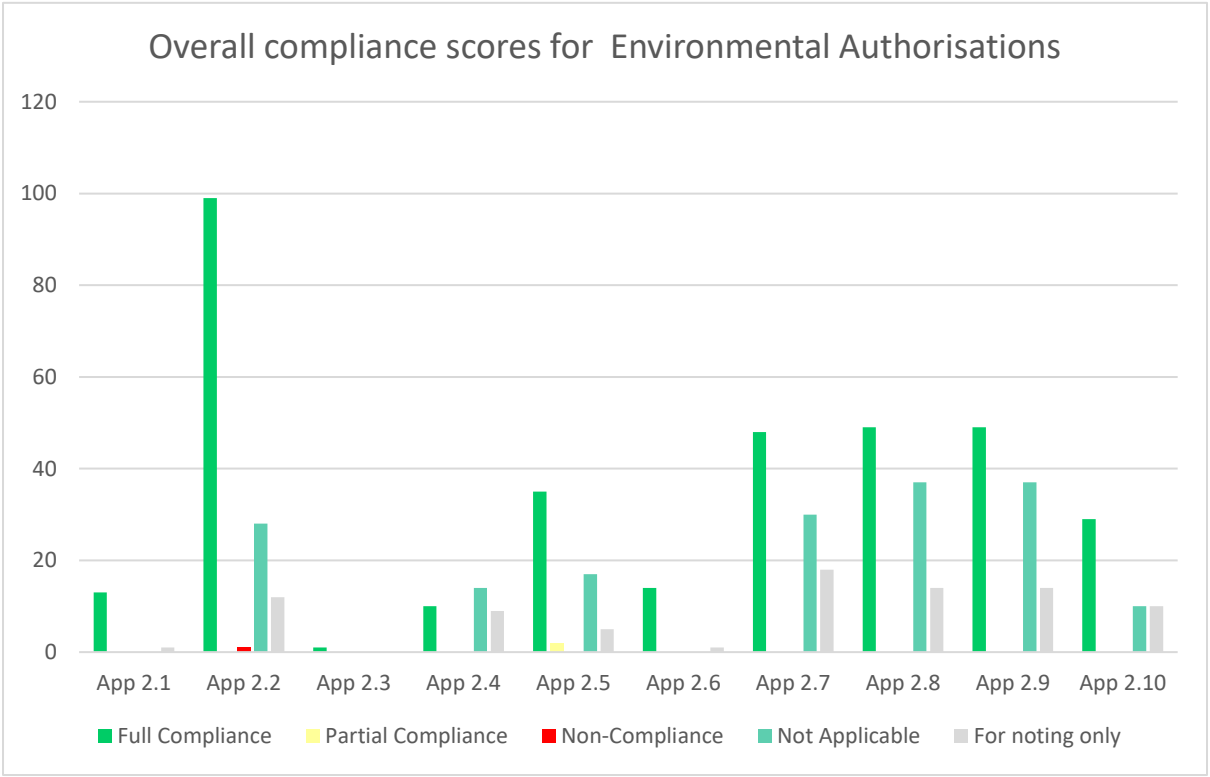

Figure 2: Overall compliance score

The tables below provide a summary of partial compliances and non-compliances recorded for each EA appendix. Recommendations for each finding have been provided. These recommendations can assist the Licensee to improve their overall compliance score.

Table 6 Summary of the finding and recommendation made in appendix 2.2

APPENDIX 2.2		
LICENSE CONDITION	**COMMENT**	**RECOMMEDATION**
8.2.1.14 Sewage waste disposal: C) The STP must not be constructed within the 1: 100-year flood line of any perennial or non-perennial watercourse, or within 50 (fifty) meters of any wetland.	STP is within floodline.	Tharisa should continue surface water monitoring to ensure that the effects of the STP on the water course is monitored.

Table 7 Summary of findings and recommendations made in Appendix 2.5

APPENDIX 2.5		
LICENSE CONDITION	**COMMENT**	**RECOMMEDATION**
5.4 The provisions of the EMPr are an extension of the conditions of the Environmental Authorisation and therefore non-compliance with the EMPr would constitute the non-compliance with the Environmental Authorisation.	EMPr Performance Assessment audits are conducted biennially to monitor compliance with EMPr conditions. Tharisa obtained a compliance score of 79.74% in the February 2022 audit.	Tharisa Mine should address the non-compliances raised in the EMPr audit report to improve the compliance score.
11.10 No surface or groundwater must be polluted due to any activities on the property or site. The discharge of any pollutants such as cement, concrete, lime, chemicals, etc., into the natural environment and the storm water system must strictly be prohibited.	A discharge incident was recorded on 2023/04/17. This was due to pump failure at tailings facility 2. This resulted in the discharge of contaminated water beyond perimeter fence towards a tributary of the Sterkstroom River. The cause of the failure was recorded as cable theft. Remediation measures and mitigation measures were included in the incident register.	Tharisa Mine should consider power back-up in case of power failure.

CONCLUSIONS

Tharisa Mine has achieved a plausible compliance score of 99% percent for 2023 EA compliance audit. No findings that pose immediate threat to the environment were made during the audit. One minor finding was made during the audit, that is pertaining to the STP which is within the floodline.

This compliance score is an improvement from the previous overall score of 95% from the 2022 EA compliance audit. Tharisa Mine has addressed many of the findings made in the 2022 EA compliance audit report. This has resulted in Tharisa Mine seeing an improvement in compliance score in the 2023 EA compliance audit for all seven (7) EAs that were audited in the 2022 audit.

It was noted that many of the conditions within the EAs are no longer applicable to the operations and activities occurring at the mine.

Tharisa must continue implementing and monitoring operations within the mine to maintain their compliance score.

APPENDICES

APPENDIX 1: ATTENDANCE REGISTER

tharisa

ATTENDANCE REGISTER

ENVIRONMENTAL AUTHORISATIONS AUDIT

DATE: Tuesday, 03 October 2023 **VENUE**: Tharisa Mine

NAME & SURNAME	ORGANISATION & ROLE	EMAIL ADDRESS	SIGNATURE
1. LEBOHANG MOLOA	GREEN GOLD GROUP	[illegible]	
2. Kelebogile Tshwagong	Tharisa Minerals Environmental Assistant	ktshwagong@tharisa.co.m	
3. Shirley Nyalunga	Green Gold Group	ShirleyChauke2@gmail.com	
4. THATO MOTLATLA	GREEN GOLD GROUP	THATOM@GREENGOLDGROUP.CO.ZA	
5. OMphile Moagi	Thar, ST ENV Officer	OMoagi@tharisa.com	
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APPENDIX 2: COMPLIANCE AUDIT CHECKLISTS

Appendix 2.1: Approval of Environmental Management Programme. Reference number NW 30/5/1/2/3/2/1/358EM (19 September 2008) Compliance Audit Checklist

APPENDIX I: EA CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0-- NON-COMPLIANCE		N/A- NOT APPLICABLE
a)	All mining activities must take place in accordance with the approved EIA/EMPr.	-	This condition is noted.	
b)	No mining activities are allowed withing 1:50 flood line or 100m from the edge of the river whatever is the greater, without the necessary authorisation from DWAF.	**2**	The EA holder has WUL for activities occurring within stipulated floodlines.	
c)	No mining infrastructure is allowed to be constructed within the 1:100year flood line without the necessary authorisation from DWAF.	**2**	The EA holder has WUL for activities occurring within stipulated floodlines.	
d)	Tharisa Minerals (Pty) Ltd is responsible for all surface disturbances on the prospecting area, which includes all historical surface disturbances.	**2**	Tharisa Minerals carries the responsibility.	
e)	All available topsoil must be stripped and stockpiles separately prior to any surface disturbance.	**2**	Topsoil was stripped and the mine has demarcated areas for stockpiling topsoil.	
f)	All mine waste must be taken back to the excavation area for backfilling purposes.	**2**	The Mine is using waste rock to refill the pits as part	

			of their progressive rehabilitation programme.	
g)	No mines waste will be allowed to be deposited in natural drainage lines or erosion gullies.	**2**	Waste is piled in designated areas away from drainage lines.	
h)	No dumps structures must be left on the surface, this includes topsoil stockpiles, overburden stockpiles, waste rock stockpiles, tailing dumps and slimes dams.	**2**	Structures are not dumped but rather stored in demarcated areas.	
i)	All excavations must be backfilled to the natural surface level; if a bulk factor exists it must be accommodated on the total area of disturbance.	**2**	Backfilling is done to pre-mining surface level.	

j)	A surveyed plan must be submitted every year to the Regional Manager that indicates: ➢ The position, footprints, and volumes of all soil stockpiles overburden, dumps, waste rock dumps and slime dams (any structure that is above the natural surface). ➢ The positions, surface areas and depths of all open pits. ➢ The positions and surface areas of all rehabilitated areas (please see indicate the status of rehabilitation- backfilled, profiled/landscaped, top soiled, vegetated or monitoring and managing.	**2**	Tharisa submits surveyed plan annually. The 2023 plan is attached in APPENDIX 4: SURVEYED PLAN - 2023 and proof of submission in APPENDIX 5: PROOF OF SUBMISSION. The surveyed plan meets all requirements stipulated in this condition.	

k)	The rehabilitation fund must be upgraded or revised on an annual basis according to the surveyed plan, which indicates the progress in rehabilitation.	**2**	The financial provision is revised annually and submitted to DMRE. The 2023 Financial Provision is attached in APPENDIX 6: FINANCIAL PROVISION.	
l)	Any project, expansions or additional infrastructure must be addressed through an addendum and submitted to the Regional Manager: Mineral Regulation for the approval, before they commerce. This approval may be amended at any stage if deemed necessary.	**2**	The EA Holder has approvals from DMRE for all expansions in the mine.	
m)	This approval does not purport to absolve you from its common law obligations towards the surface rights holder or any other affected party.	**2**	The EA Holder is aware of their legal obligations, they have legal register.	
n)	The following Acts area applicable and relevant to the said approval and your company is to familiarize itself with its provisions in so far as they apply to your operations. ➢ The National Water Act, 1998 (Act No.36 of 1998), with particular reference to the sections pertaining to the mining or prospecting in the proximity of dams and their catchments areas, areas rivers, marshes, streams, pans and other water courses.	**2**	The EA is aware of this requirement, there is an Environmental Team dedicated to ensuring compliance with the acts.	

	➢ The Environmental Conservation Act, 1989 (Act No.73 of 19890. Your attention is specially directed to the requirements of section 20 of the above-mentioned Act.			

	➢ The National Environmental Act: Air Quality Act, 2004 (Act No. 39 of 2004), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by mining activities, into the atmosphere. ➢ The Conservation of Agriculture Resources Act, 1983 (Act No.43 of 1983), with particular references to sections pertaining to soil conservation. ➢ The National Heritage Resources Act, 1999 (Act No. 25 of 1999), with particular reference to sections pertaining to the protection of all historical and pre-historical cultural remains. ➢ The Mine Health and Safety (Act 29 of 1996) in conjunction with Mineral and Petroleum Resources Development Act (MPRDA), 2002 (Act 28 of 2002), with particular reference to sections and regulations pertaining to health and safety at mines; mining within 100 m from structures that must be protected; as well as those sections pertaining to rehabilitation of the surface. ➢ The National Environmental Management Act, 1998 (Act 107 1998), with particular reference to sections principles in chapter 2 of the said Act.			

Appendix 2.2: Environmental Authorisation for Tharisa Opencast mine. Reference Number (EA) NWP/EIA/159/2007 (23 October 2009) compliance audit checklist

APPENDIX 2.2: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0-- NON-COMPLIANCE		N/A- NOT APPLICABLE
8.1 STANDARD CONDITIONS				
8.1.1.	- Authorisation of the activities are subjected to the conditions contained in this authorisation, which forms part of the environmental authorisation and are binding on the holder of the authorisation	**2**	The EA holder takes responsibility for the conditions of this authorisation.	
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 the authorisation.	**2**	The EA holder has Environmental Team whose responsibility is to ensure compliance with the conditions of this authorisation.	
8.1.3.	- The activities which are authorised may only be carried out at the property indicated above (Item B;3).	**2**	The activities are carried out at approved site.	
8.1.4.	- 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 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.	**2**	Subsequent authorisations were obtained for additional scope of the project.	
8.1.5.	- These activities must commence within a period of two (2) years from the date of issue. If commencement of the activities does not occur within that period, the authorisation	**2**	Activities commenced within two years.	

	lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.			
8.1.6.	- If the proponent anticipates that commencement of the activity would occur within two (2) year period, he/she must apply and show good cause for an extension of the Environmental Authorisation six (6) months prior to its expiry date.	**N/A**	Activities commenced within two years.	
8.1.7.	- A copy of this authorisation must be kept at the site. The authorisation must be produced to any government official(s) who may requests to see it for inspection purposes and must be made available to the contractor (s) /subcontractor (s) authorised to undertake work at the property.	**2**	A copy of the EA is kept on-site.	
8.1.8.	- 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 Director: Environmental Management and Protection of this Department, within fourteen (14) days of the above specified changes.	**N/A**	The EA Holder details haven't changed.	
8.1.9	- 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 activities.	**2**	The EA Holder observes other statutory requirements.	
8.1.9.1	- After an appeal period has expired and no good cause to extend the appeal period has been submitted (Regs 64), thirty (30) 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. Such written notice shall make clear reference to the site, location details and EIA number accorded to this EA.	**N/A**	No appeal was lodged.	
SPECIFIC CONDITIONS				
8.2.1. COMMISSIONING OF THE ACTIVITY				
8.2.1.1	- The development must adhere to the proposed mitigation measures and recommendations contained in the Scoping Report and Environmental Impact Assessment Report	**2**	Mitigation measures are adhered to.	

	(both reports compiled by Metago Environmental Engineers, dated November 2007 and June 2008 respectively).		The EA Holder has Environmental Team to ensure implementation measure.	
8.2.1.2	- The proposed development will affect Eskom distribution power lines on site; therefore, Eskom conditions stipulated in the correspondence dated 27 June 2008 must be adhered to.	**2**	The EA Holder has the Eskom conditions documents in their records, the conditions are met.	
8.2.1.3	- All recommendations of the Rustenburg Local Municipality: Integrated Environmental Management unit stipulated in the correspondence dated 23 June 2008 must be complied with.	**2**	Recommendations of the Rustenburg Local Municipality were incorporated in the EMPR and are implemented.	
8.2.1.4	- The applicant must apply and obtain a water use license from the Department of Water Affairs and Forestry (DWAF) regarding surface and groundwater abstraction for mining purposes, prior to the commencement of construction on site.	**2**	The EA Holder has WUL for all water-listed activities.	
8.2.1.5	- Construction of the storm-water dam, tailings dam and waste rock dumps must be undertaken as per the Conceptual Design and Management of Surface Water and Waste Facilities report produced by Metago Environmental Engineers (report dated May 2008). Approval from DWAF must be solicited prior to construction of the dams.	**2**	Construction of the storm-water dam, tailings dam and waste rock dumps were done as per the approved final design.	
8.2.1.6	- Construction and operation of a helicopter landing strip/pad must conform to the requirement and standards of the South African Civil Aviation Authority.	**N/A**	There is no helicopter landing strip/pad.	
8.2.1.7	- A signed service agreement between Tharisa Minerals (Pty) Ltd, Haartebeespoort Irrigation Board and Magalies Water regarding water supply to the Mine must be submitted to this Department and the Department of Water Affairs and Forestry prior to the commencement of the project.	**N/A**	Condition applicable prior to commencement.	

8.2.1.8	- A signed service agreement between Tharisa Minerals (Pty) Ltd and Rustenburg Local Municipality or Madibeng Local Municipality confirming the capacity of the landfill to accommodate additional solid waste from the Mine must be submitted to this Department and the Department of Water Affairs and Forestry prior to the commencement of the project.	**N/A**	Condition applicable prior to commencement.	
8.2.1.9	- The applicant must ensure that working environment for all personnel and equipment on site is conducive and safe.	**2**	Strict safety standards are adhered to by the Mine.	
8.2.1.10	- **Layout and Development**			
a)	- The building plans for the proposed mining structures and the associated infrastructure must be submitted to Rustenburg Local Municipality and must be approved prior to construction commencing.	**N/A**	Condition applicable prior to commencement.	
b)	- The development must be restricted to the development of an opencast mine covering a total area of approximately 750 hectares and comprising of open pit mining, topsoil and waste rock stockpiling, construction of haul roads, access roads, conveyors, concentrator complex, mine residue disposal facilities, and sewage treatment plant, including other supporting infrastructure. Any further expansion of the development will require prior environmental approval in terms of Section 24 (1) of the National Environmental Management Act (Act 107 of 1998).	**2**	Expansion projects have been implemented after getting relevant authorisations.	
c)	- The development must be substantially in accordance with the Layout Plan (Plan No: T014-01 dated May 2008) prepared by Metago Environmental Engineers (Ply) Ltd and included as Figure 4.1a of the Environmental Impact Assessment Report.	**-**	The condition is incomprehensible.	
8.2.1.11	- **Equipment yards and lay-down areas**			
a)	- Construction personnel, labourers and equipment must remain within the demarcated construction sites at all times.	**N/A**	Construction phase has ceased	
b)	- Explosives must be stored safely in an area demarcated for explosives storage, and strict access to this area must be enforced.	**2**	Explosives are kept safely, and the storage has strict access control.	

c)	- The transportation, storage and handling of all substances considered hazardous on site must conform to all statutory and regulatory requirements as set out by the Hazardous Substances Act No.15 of 1973.	**2**	The Mine has procedure for handling and storage of hazardous material. The procedure meets all statutory and regulatory requirements as set out by the Hazardous Substances Act.	
d)	- The aboveground storage tank (AST) for fuel and associated infrastructure must comply with all relevant (South African National Standards) SANS standards and municipal bylaws applicable to the installation and operation of an AST and associated infrastructure.	**2**	Above-ground storage tank for fuel comply with SANS standards and municipal bylaws. See Figure 3	
e)	- The AST must be suitably enclosed by an impervious bund wall, which must be capable of containing 110% of the maximum volumes stored in the tanks. The drainage point area must be connected to an oil/ water separator.	**2**	Storage tanks are inside a bund wall with more than 110% capacity as displayed in Figure 8.	
f)	- Adequate firefighting equipment must be installed around this area. This should be done in consultation with the local fire protection and emergency services.	**2**	The area is equipped with firefighting equipment.	
g)	- A spill contingency and emergency response plan must be developed in conjunction with the Department of Water Affairs and Forestry and must be implemented as soon as the development is operational.	**2**	The Mine has operational spill contingency and emergency response plan. See APPENDIX 7: EMERGENCY RESPONSE PLAN.	
h)	- Material Safety Data Sheets (MSDSs) should be available on site for all chemicals and hazardous substances to be used onsite, including information on their ecological impacts and how to minimize the impacts in case of leakage.	**2**	MSDSs are displayed at storage areas.	

8.2.1.12	- **Excavations activities**	**N/A**	Mining activities are no longer in construction phase.	
a)	- Vegetation clearance must be restricted to the immediate working areas to prevent unnecessary exposure of the ground, and to prevent soil erosion.	**N/A**	Applicable post-mining.	
b)	- Topsoil must be removed and stockpiled aside for rehabilitation purposes prior to the excavation of mineral ore and such topsoil must be protected against water and wind erosion	**2**	Topsoil is properly stored and used in progressive rehabilitation.	
c)	- All excavated pits or trenches to be developed during mining must be filled up/ rehabilitated concurrently with mining to minimize soil erosion, and to avoid danger to human and animal life.	**2**	Concurrent rehabilitation is underway.	
d)	- The excavated pits or trenches considered hazardous must be fenced off and proper signage must be placed around them for safety purposes.	**2**	Deep excavation are clearly marked and barricaded.	
e)	- Should any archaeological artefacts be exposed during the excavation, activities in the vicinity of the finding must be stopped and the South African Heritage Resource Agency must be notified immediately (within 48 hours). Under no circumstances shall any artefacts be destroyed. Such an archaeological site must be marked and fenced off.	**-**	The condition is noted. No archaeological artefacts have been discovered.	
f)	- The applicant must compile and submit a detailed Blast Plan to the Chief Inspector of the Department of Minerals and Energy for approval prior to the commencement of blasting activities.	**2**	Blasting activities are on-going as per the approved Blast Plan.	
g)	- Blasting of mineral ore must only be undertaken by a qualified and experienced specialist to prevent or minimise impacts of blasting, such as excessive noise, dust, vibration, fumes and fly rock. Blasting must be carried out as per the approved Blast Plan.	**2**	Blasting is done under supervision of suitable qualified personnel and overseen by Mine Manger.	

h)	- All the mitigation measures stipulated in the Blast Report undertaken by Cambrian cc (report dated 2 May 2008) must be implemented.	**2**	Mitigation measures stipulated in the Blast Report undertaken by Cambrian cc are implemented.	
l)	- The applicant must apply and obtain permission or approval for the transportation, storage, handling and use of explosives from the Chief inspector or the Department of Minerals and Energy, and the South African Police Services. Such permission or approval must be obtained prior to the commencement of the development.	**2**	Permit for the transportation, handling and storage of explosives was granted by the South African Police Services.	
8.2.1.13.	- **Surface and Groundwater Impact Management**			
a)	- The discharge of any pollutants such as chemicals, concrete, cement into the natural environment and the storm-water systems must be strictly prohibited.	**2**	No pollutants are discharged into the environment.	
b)	- A specific area must be demarcated for fuelling and workshop services and such area must be bunded to reduce the possibility of soil and water contamination.	**2**	The Mine has demarcated impermeable area for fuelling and workshop services.	
c)	- All effluent water from the construction camp or site offices must be disposed of in a properly designated and constructed system, which must be located away from water sources i.e,. wetlands, rivers, streams, pans or dams.	**2**	Effluent from site offices is disposed into a licensed WWTW.	
d)	- No development may occur within 50 (fifty) metres of any water resource or wetland or any associated buffers.	**2**	Only water-use licensed activities are carried out within 50m of water resources. Site-specific geotechnical study was undertaken.	
e)	- The proposed development must be located outside of the 1:100-year flood line of the Sterkstroom River, including any other water resources within the development site.	**2**		
f)	- The proposed diversion of a non-perennial stream away from the development site must be done in consultation with the Department of Water Affairs and Forestry. A site-specific geotechnical study must be undertaken to establish founding	**2**		

	conditions of the new river channel to avoid soil erosion and environmental degradation further down the stream during rainy seasons.		DWS has approved diversion of the non-perennial stream.	
g)	- Any usage of hazardous material near the river must be avoided. Where it cannot be avoided it must be done under strict supervision of the Environmental Control Officer as per the requirements of the EMP.	**2**	Usage of hazardous material near the river is prohibited	
h)	- All recommendations of the Groundwater investigation study undertaken by Water Geoscience Consulting (report dated 19 May 2008), including design, construction and operation of the tailings dam and waste rock dump recommendations must be implemented.	**2**	The latest Geohydrological study is being implemented (2022).	
l)	- The applicant must ensure that the design, construction and operation of the proposed tailings dam and the waste rock dump area are undertaken in a manner that prevents surface and groundwater contamination.	**2**	Contamination of groundwater is minimized.	
8.2.1.14	- **Sewage and waste water disposal**			
a)	- Chemical toilets must be provided to the workers during the construction phase. They must be serviced regularly to ensure proper operation and must be emptied at the municipal sewage treatment plant to prevent any possible pollution. No “long drop” toilets will be allowed. Open space or surrounding bush must not be used as toilets under any circumstances.	**2**	Water flushing toilets are used inside the mine. Chemical toilets are used at the gate, these are properly serviced.	
b)	- A Sewage Treatment Plant (STP) to be constructed on site must be approved by the Department of Water Affairs and Forestry prior to the commencement of its construction.	**2**	The STP was approved by DMRE, who is the competent authority.	
c)	- The STP must not be constructed within the 1: 100-year flood line of any perennial or non-perennial watercourse, or within 50 (fifty) meters of any wetland.	**0**	The STP is within a floodline.	

d)	- Effluent from the Sewage Treatment Plant must be treated prior to being discharged to prevent surface and groundwater pollution. The discharged treated water must comply with the requirements of the Department of Water Affairs and Forestry.	**2**	Effluent is treated, there are records of laboratory analysis.	
8. 2.1.15	- **Waste Management**			
a)	- A Waste Management Plan which deals with storage, management, handling and disposal of all forms of solid waste generated within the development must be developed and must be included in the final EMP required in terms of condition 8.2.2.2.	**2**	The EMPR had Waste Management Plan section.	
b)	- All solid waste produced by the development during construction must be suitably stored on site and removed on a regular basis to a registered landfill site.	**N/A**	The project is at operational stage.	
c)	- Hazardous waste, including medical waste, laboratory chemicals, used chemicals and chemical containers must be stored separately from any other waste, and must be placed in sealed containers within a bunded area prior to their removal and disposal to the registered hazardous landfill site. The removal of hazardous waste from the site to the registered hazardous landfill site must be undertaken by a qualified waste contractor.	**2**	The Mine appointed a registered service provider for removal and disposal of different waste streams as stipulated here.	
d)	- All used oil must be collected in containers and placed within the designated oil collection points on site prior to their removal and disposal at the registered hazardous landfill site or an oil refinery facility. The collection points must be suitably bunded to contain oil spills and leakages.	**2**	Used oil is collected by a service provider for reuse offsite.	
e)	- A spill contingency and emergency response plan must be developed in conjunction with the Department of Water Affairs and Forestry and must be implemented as soon as the development is operational.	**2**	The mine has developed a spill contingency and emergency response plan.	
8.2.1.16	- **Stormwater Management**			
a)	- A Storm-water Management Plan (SMP) for the development must be developed and must be submitted to and approved by the Department of Water Affairs and Forestry and Rustenburg Local Municipality before construction commences.	**N/A**	Construction phase has ceased.	

b)	- The Storm-water Management System must be kept separate from the sewage reticulation and treatment system.	**2**	Storm-water Management System is separate from the sewage reticulation and treatment system.	
c)	- Proper storm-water diversion berms must be constructed around the stockpiles to channel water away from the stockpile areas, and to prevent run-off erosion.	**2**	Storm-water diversion berms have been constructed.	
8.2.1.17	- **Traffic Management**			
	a) The proposed closure of the private access bridge crossing over the N4 must be done in consultation with the South African National Roads Agency (SANRAL), and the alternative access must be provided to the community living across the N4 once the bridge is closed.	**N/A**	The bridge is opened to traffic.	
	b) All the recommendations of the Traffic Impact Assessment (TIA) undertaken by African Engineering International (report dated April 2008), including safety, traffic calming measures and provision of alternative access recommendations, must be implemented.	**2**	Mine has since implemented an effective traffic management system for the operational phase.	
	c) Should the development of the mine affect the road D1526 (access road to van Rensburg Primary School), the applicant must provide an access to the school.	**-**	Condition noted.	
	d) Safety barriers must be constructed along the road D1325 in close proximity to the shops to guise the pedestrians away from the traffic.	**-**	The condition falls within the jurisdiction of the local municipality.	
8.2.1.18	- **Biodiversity Conservation**			
	a) All plant species of conservation importance (if any) must be removed from the demarcated area prior to development commencing and must either be relocated outside of the development area or donated to the South African National Biodiversity Institute.	**N/A**	Construction phase has ceased. The mine is in operational phase.	

	b) Any removal of endangered or protected plant species must be done in consultation with the Department of Water Affairs and Forestry, and the Department of Agriculture, Conservation and Environment: Biodiversity Section, and permission or approval for the removal must be obtained prior to the removal of trees.	**N/A**	Condition applicable during site preparation/ clearance. The mine is in operational phase.	
	a) The applicant must develop and implement an ecologically sound Rehabilitation Plan which must specify the final landuse of the site after mining has ceased. This plan must advocate extensive use of locally appropriate indigenous vegetation.	**2**	The mine has the rehabilitation plan. Post-mining land-use will be determined after mining closure in consultation with the local municipality.	
	b) The Rehabilitation Plan must form part of the final Environmental Management Plan (EMP) to be submitted to this Department for approval prior to commencement of the project.	**2**	Rehabilitation plan was incorporated in the EMPR.	
	c) The applicant must ensure that the development site is cleared of invasive alien plants and an alien plant eradication programme must be developed and implemented to prevent re infestation.	**2**	The mine has and implements the Alien and Invasive Plants eradication programme.	
	d) All recommendations of the Biodiversity Action Plan (BAP) study undertaken by Natural Scientific Services (report dated March 2008) must be implemented.	**2**	Recommendations of the Biodiversity Action Plan were incorporated in the EMPR, which the Mine is implementing.	
8.2.1.19	- **Social and Heritage Management**			
	a) The relocation of communities living within the proposed mining site must be done in consultation with Rustenburg Local Municipality, and basic services such as water supply, access roads etc. must be provided at their new relocated site.	**2**	Relocation plans are being made and these are in consultation with Rustenburg Local Municipality.	

	b) Relocation must only commence after suitable land for this purpose have been secured by the applicant.	**2**	Investigations are underway for procuring suitable land for relocation.	
	c) Should expropriation of land be required during the development of the mine, this must be done in good faith, and landowners must be compensated appropriately for their land. This Department recommends that expropriation process should be completed prior to the commencement of the development.	**N/A**	There has not been expropriation of land by the Mine.	
	d) All recommendations of the Heritage Impact Assessment (HIA) study undertaken by Dr. Julius CC Pistorius (report dated September 2007) including preservation and relocation of stone walled, graves and historical buildings recommendations must be adhered to.	**2**	Recommendations of the HIA are adhered to, they form part of the EMPR.	
	e) Any alteration, removal or relocation of stone walled, graves and historical buildings must be done in consultation with the South African Heritage Resources Agency (SAHRA), and approval or permission must be obtained from SAHRA prior to the commencement of such alternation, removal or relocation.	**N/A**	There hasn't been any alterations, removal or relocation of stone walled, graves and historical buildings.	
	f) Should exhumation of graves be required during the commencement of the development, this must be undertaken by a forensic archaeologist in consultation with SAHRA and in accordance with the Human Tissues Act, 1983 (Act No. 65 of 1983) and the Ordinance on Exhumations, 1980 (Ordinance No. 12 of 1980). Permission of exhumations must be solicited from the descendants of the deceased.	**N/A**	There hasn't been any exhumation of graves.	
	g) Should any other archaeological artefacts not identified by the HIA report be exposed during earth moving activities, construction in the vicinity of the finding must be stopped and the South African Heritage Resource Agency must be notified immediately (within 48 hours).	**N/A**	No archaeological artefacts have been identified.	

	Under no circumstances shall any artefacts be destroyed. Such an archaeological site must be marked and fenced off.			
8.2.1.20	- **Air Quality and Noise Management**			
	a) All material handling, including drilling within the open pit must be undertaken with the application of water on the mineral ore so as to minimise the impacts of dust.	**2**	Water suppression is done during blasting.	
	b) The crushing and screening of mineral ore must be done within an enclosed facility (crushing end screening plant) to avoid, prevent or minimise excessive spreading of dust.	**2**	The crushing and screening or mineral ore is done within enclosed facility.	
	c) All recommendations of the Air Quality Impact Assessment study undertaken by Airshed Planning Professionals (Pty) Ltd [Report No. APP/08/MEE--01 Rev 1 dated May 2008] including dust monitoring station installation recommendations must be undertaken.	**2**	The Mine has Air Quality monitoring plan, which includes dust monitoring buckets inside and around the mining complex.	
	d) The applicant must ensure that dust suppression measures (including water spraying) are undertaken on a regular basis within all haul roads on site.	**2**	Tharisa has implemented dust suppression measures on-site.	
	e) Construction vehicles must be fitted with exhaust silencers to minimise the excessive levels of noise during the construction and operational phase of the development.	**2**	Construction vehicles are fitted with exhaust silencers to minimise the excessive levels of noise	
	f) Blasting must be done only during the day, and suitable time must be selected with the consideration of existing communities living around the mine, including the van Rensburg Primary School.	**2**	Blasting is done during the day only.	
	g) During Construction Phase, operation of machinery and equipment, must be kept within normal working hours (summer 07h00-17h00 and winter 07h30-17h00) to	**N/A**	The activities are in operational phase.	

	prevent unwanted high noise levels. No construction on Sundays and public holidays will be permitted.			
8.2.1.21	- **Erosion Control Measures**			
	a) Appropriate soil erosion control measures must be developed and implemented to prevent, minimise or manage the erosion during construction, operational and decommissioning phases of the mine.	**2**	Soil erosion control measures are in place and erosion is adequately controlled.	
	b) Suitable designed and engineered drainage structures must be constructed on all roads, to avoid the concentration of run-off in such a manner so as to prevent erosion and to avoid environmental degradation.	**2**	Water channel conduits have been constructed. See Figure 5	
	c) All storm water generated from the development site must be collected and channelled into the storm water dam to be constructed on site for water storage.	**2**	Water is channeled to the stormwater dam.	
	d) The applicant must ensure that construction and operation of the conveyor bridge crossing over the Sterkstroom River does not impede the stream flow and that constant stream flow is maintained during and after the construction of the bridge to sustain the life of the river.	**2**	The conveyor belt does not impede stream flow.	
	e) Erosion control measures must be implemented to minimise erosion of the riverbanks during the construction of the conveyor.	**N/A**	The conveyor belt is now operational phase. Operational phase erosion control measures have been implemented.	
8.2.1.22	- **Visual Impact Management**		The mining activities are no longer in construction phase.	
	a) All the mitigation measures identified in the Visual Impact Assessment study undertaken by Newtown Landscape Architect cc (report dated May 2008) must be implemented.	**2**	Visual impact mitigations form part of EMPR, which	

			is implemented by the Mine.	
	b) A planted berm must be constructed along the southern edge of the tailings dam to screen views from the N4. The proposed berm should not exceed 20 (twenty) metres.	**N/A**	This condition cannot address the impact as the tailings are higher than 20m from the ground.	
	c) Rehabilitation of the tailings dam should include top soiling, grass seeding and planting of shrubs and trees on top of the tailings dam and must be undertaken immediately after the tailings dam has stopped operating.	**2**	Progressive rehabilitation is done as required.	
	d) Dust suppression measures should be implemented at all times during the construction and operational phase to prevent spreading of nuisance dust.	**2**	Dust suppression is done by the Mine.	
	e) All building structures on site must be painted with colours that blend with the surrounding environment. Bright colours must be avoided.	**2**	Buildings are painted white.	
	f) Lighting technology that provides sufficient light where required while preventing light spillages elsewhere must be used.	**2**	Lighting is sufficient inside the mine; no light spillages have been reported by the surrounding communities.	
	g) A detailed Landscape Plan for the proposed mining development must be developed and implemented during commissioning, operation and decommissioning of the mine.	**2**	Landscaping has been done satisfactorily around offices, using indigenous plants.	
	h) Landscaping for the proposed development must be in accordance with the regulations pertaining to the control of weeds and invasive species, as published under Section 29 of the Conservation of Agricultural Resources Act 1983 (Act No 43 of 1983) and must make extensive use of locally appropriate indigenous vegetation.	**2**	Eradication of weeds is done as a separate programme.	

8.2.1.23	- **Compliance with other legislation**			
	a) The statutory provision for the protection of workers refusing to do environmentally hazardous work be enforced and abided of the development activity as legally stipulated in Section 29(1-5) of the National Environmental Management Act, No. 107 of 1998 as amended.	**2**	Workers' rights to work in a safe environment is respected by the Mine. The workers have union representation who ensures their safety.	
	b) In terms of section 28 and 30 of the National Environmental Management Act No. 107 of 1998, and section 19 end 20 of the National Water Act No. 36 of 1998, any costs Incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the Applicant reads through and understand the legislative requirements pertaining to the project. It is the Applicant's responsibility to take reasonable measures which include informing and educating contractors and employees about environmental risks of their work and training them to operate in an environmental acceptable manner.	**2**	The Mine has financial provision for rehabilitation and remedial costs.	
	c) The development must adhere to the municipal by laws.	**2**	The Mine observes municipal by-laws.	
	d) Weeds and Invader plants that are declared in terms of the Conservation of Agricultural Resources Act.1983 (Act No.43 of 1983) must be controlled as specified in the Act.	**2**	The mine has and implements the Alien and Invasive Plants eradication programme.	
	e) Should any archaeological artefacts be exposed during foundation excavation, the construction in the vicinity of the finding must be stopped. Under no circumstances shall any artefacts be destroyed. Such an archaeological site must be marked end fenced off, and South African Heritage Resource Agency must be contacted within 48 hours.	**N/A**	The condition is noted, no archaeological artefacts have been exposed.	

	f) The transportation, storage and handling of all substances considered hazardous on site must confirm to all statutory and regulatory requirements as set out by the Hazardous Substances Act, 1973 (Act No. 15 of 1973).	**2**	The transportation, storage and handling of all hazardous material is done according to Hazardous Substances Act. This is overseen by the Mine's Safety personnel.	
	g) The relevant requirements of the National Water Act. 1998 (Act No. 36 of 1998) must be complied with at all at all times; Including flood lines, water uses, etc.	**2**	The Mine holds WUL for all listed activities.	
	h) Firebreaks should be established in terms of the requirements and conditions of the National Veld and Forest Fires Act, 1996 (Act. No.101 of 1998).	**2**	Fire breaks have been established along mint boundary.	
	i) All provisions of the Occupational Health and Safety Act. 85 of 1993 and any other applicable legislation must be adhered to by the holder of this authorisation.	**2**	The mine has Safety Team who make sure that OHS Act is complied with.	
8.2.2 MANAGEMENT OF THE ACTIVITY				
8.2.2.1	- A draft Environmental Management Plan ("EMP") prepared by Metago Environmental Engineers (Pty) Ltd submitted as part of the Environmental Impact Assessment Report must be amended to include, apart from general construction and operational management issues, mitigation and management measures to address the following Issues: - - a) Water Quality Monitoring Programme; - b) Waste Management Plan; - c) Dust and Noise Monitoring Programme; - d) Storm-water Management Plan; and - e) Rehabilitation Plan.	**2**	The latest EMPR addresses: - a) Water Quality Monitoring Programme; - b) Waste Management Plan; - c) Dust and Noise Monitoring Programme; - d) Storm-water Management Plan; and e) Rehabilitation Plan.	

8.2.2.2	- The final EMP must be complied and submitted to this Department and the Department of Water and Forestry for approval prior to the commencement of construction. Including the final layout plan with the development outside the 1:100- year flood line.	**2**	The latest EMPR has been approved by DMRE.	
8.2.2.3	- This Department must be notified within 30 days of any change in ownership and / or project Developer. The rights and conditions as stipulated in this EA must be made known to the owner and/ or developer and binding on the new owner and/ or developer.	**N/A**	There haven't been any changes to the ownership.	
8.2.3 OPERATION OF THE ACTIVITY				
8.2.3.1	- The applicant must conduct regular monitoring inspections and maintenance of the Sewage Treatment Plant, Boreholes, and Storm-water Reticulation System to ensure that they operate effectively.	**2**	The Mine has maintenance plan that covers all these facilities and infrastructure.	
8.2.3.2	- The Department of Water Affairs and Forestry and Rustenburg Local Municipality must be immediately notified of any failure of the Sewage Treatment Plant or Sewer Reticulation System.	**2**	No failures were recorded during the recording period.	
8.2.3.3	- Mining equipment, including all vehicles that operate on site must be maintained in good working condition to prevent oil, diesel and petroleum spills and leakages.	**2**	Equipment is well-maintained and kept in good conditions.	
8.2.3.4	- Detection valves must be installed in all tailing dams on site to monitor any leakages, and the wall of the dam must be inspected regularly for any cracks or leakages.	**2**	The Mine has leak detection for tailings lining.	
8.2.3.5	- The applicant must ensure that the development site is cleared of invasive alien plants and an alien plant eradication programme must be developed and implemented to prevent re infestation.	**2**	The mine has and implements the Alien and Invasive Plants eradication programme.	
8.2.3.6	- All solid waste produced by the development during the operation phase must be suitably stored on site and removed on a regular basis to a permitted landfill sits.	**2**	A service provider has been appointed for this function; waste is	

			disposed at a registered landfill site.	
8.2.3.7	- Dust, Noise and Water quality Monitoring must be undertaken on a quarterly basis throughout the operation cycle of the mine.	**2**	Air quality and water quality are done for the mine.	
8.2.4 SITE CLOSURE AND DECOMMISSIONING				
8.2.4.1	- It is anticipated that the life span of the mine will be less than 30 (thirty) years. During the decommissioning of the mine, the provisions for Duty of care and remediation of environmental damage contained in Section 28 of the National Environmental Management Act, Act 107 of 1998, must be complied with.	**N/A**	The activities of this mine are not in the decommissioning phase.	
8.2.4.2	- Structures must be demolished; the debris and rubbles must be collected and disposed of at a registered landfill site. The use of recyclable material is encouraged.	**N/A**		
8.2.4.3	- The disturbed areas must be rehabilitated (as per the Rehabilitation Plan) to a natural state, and landscaping of disturbed area must be in accordance with the regulations pertaining to the control of weeds and invasive species, as published under Section 29 of the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983) and must make extensive use of locally appropriate indigenous vegetation.	**N/A**		
8.2.5 MONITORING				
8.2.6	- An independent Environmental Control Officer (ECO} must be appointed at the developer's cost for the duration of the construction and operational phase to ensure that the conditions stipulated in this EA are complied with and that the approved Environmental Management Plan is adhered to.	**2**	The construction phase has been completed. The mine appoints environmental auditors to conduct annual audits during the operational phase.	

8.2.7	- The name and contact details of the ECO must be communicated to this Department upon appointment of the ECO.	**2**	Details of environmental auditors are provided in the audit reports.	
8.2.8	- The ECO must act as liaison with this Department and other relevant authorities, and must ensure communications with key stakeholders with respect to monitoring of compliance with conditions of authorisation and the EMP.	**2**	The ECO was appointed during construction phase. During operational phase, the Mine liaise with communities through community representatives.	
8.2.9	- The applicant must conduct regular monitoring inspections of water quality, dust emissions and noise pollution to ensure they are kept within the permitted parameters. All records related to the monitoring and maintenance undertaken on site must be kept safely and must be made available to this Department on request.	**2**	The Mine undertakes regular monitoring and reports are available.	
8.2.10	- This Department reserves the right to monitor and audit the activity to ensure compliance with legislation and the conditions stipulated in this authorisation.	**-**	The condition is noted, no action is required.	
8.2.11	- It is the responsibility of the holder of this authorisation to ensure that an on-going management and monitoring of the impacts of the activity on the Environment throughout the life cycle of the activity is put into practice.	**2**	The Mine has monitoring programme in place.	
8.3 RECORDING AND REPORTING TO THE DEPARTMENT				
8.3.1	- Records of monitoring and/or auditing must be made available for inspection to this department and any other relevant authority inspecting the development activities.	**2**	Audit reports are readily available for inspections.	
8.3.2	- 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.	**2**	Records are readily available on-site and will be provided upon request.	

8.3.3	- All records relating to the implementation of the environmental management plan must be kept in the office where it is safe and can be retrievable.	**2**	All records relating to the implementation of the environmental management plan are kept safe in the office.	
8.4 NON-COMPLIANCE				
8.4.1	- In the event of non-compliance by any contractor during the construction of the authorised activities, the holder of this authorisation will be liable.	**N/A**	No longer applicable. Construction phase has ceased.	
8.4.2	- The holder shall be responsible for all costs necessary to comply with the above conditions unless otherwise specified.	**2**	The Mine has financial provision for environmental compliance activities.	
8.4.3	- The holder must in the event of non-compliance with any condition of this authorisation inform the Director: Environmental Management and Protection of this Department in writing, within 48 hours.	**2**	Non-compliances are reported in the annual audit reports. Only major incidents are reported with 48 hours.	
8.4.4	- 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.	**2**	Audit reports are kept on-site and are readily available on request. Incident reports are also kept on-site. Complains register is also kept on-site.	
8.4.5	- Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in	**-**	The condition is noted.	

	the National Environmental Management Act, 1998, (section 24F (2)) and Regulation 81(d).			
9. APPEAL OF AUTHORISATION				
9.1	- The holder of the authorisation must notify every registered interested and affected party, in writing within five days of receiving the Department's decision.	-	No longer applicable. Appeal period has lapsed.	
9.2	- The notification referred to in 9.1 must	-		
9.2.1	- specify the date on which the authorisation was issued;	-		
9.2.2	- inform the registered interested and affected parties of the appeal procedures provided for in Chapter 7 of GN No 385 of 21 April 2008 in terms of NEMA 1998, as amended (see annexure 1)	-		
9.2.3	- Advise the interested and affected party that a copy of the authorisation and EA's for the decision will be furnished on request.	-		
9.4	- An appeal against the decision must be lodged in terms of chapter 7 of GN No. R. 385 of 21 April 2008 in terms of NEMA 1998, as amended, from the date of this authorisation with; - The Member of the Executive Council - Department of Agriculture, Conservation, Environment and Rural Development - Private Bag X 2039 - MMABATHO - 2735 - Tel No.: (018) 389 5111 - Fax No.: (018) 384 2679 -	-		

Appendix 2.3: AMENDMENT ENVIRONMENTAL AUTHORISATION FOR THARISA MINE (EA) NWP/EIA/159/2007

APPENDIX 2.3: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0-- NON-COMPLIANCE		N/A- NOT APPLICABLE
1	The Applicant must within twelve (12) calendar days of date of this amended Environmental Authorisation: a) Notify all interested and affected parties, in terms of Regulation 10 (2) of Government Notice No. R. 543, registered during the EIA process of the outcome of this application and, if required, provide copies of this Authorisation together with this Environmental Authorisation Amended. b) Inform all interested and affected parties of the provisions of Regulation 60 (1) of the Government Notice No. R. 543 of 18 June 2010, that, a person who wishes to appeal with the MEC for this Department within twenty (20) days after the date of the decision.	**2**	Done	

Appendix 2.4: Environmental Authorisation in terms of the National Environmental Management Act, 1998 and EIA regulations 2006: Diversion of existing powerline. Reference Number DEAT/EIA/16316/2012 (15 November 2012) compliance audit checklist

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
Scope of Authorisation				
1	The preferred route with the abovementioned co-ordinates as indicated in the EIA Report dated June 2008 and additional information dated 25 October 2012 is hereby authorised.	-	Noted	
2	Authorisation of the activity is subject to the conditions contained in this environmental authorisation, which form part of the environmental authorisation and are binding on the holder of the environmental authorisation.	**-**	Noted	
3	The holder of the environmental authorisation is responsible for ensuring compliance with the conditions contained in this environmental authorisation. This includes any person acting on the holder's behalf, including but not limited to, an agent, servant, contractor, sub-contractor, employee, consultant or person rendering a service to the holder of the authorisation.	**2**	Environmental team conducts regular inspections to ensure compliance.	
4	The activities authorised may only be carried out at the property as described above.	**2**	The activities were carried out at property as described.	
5	Any Changes to, or deviation from the project description set out in this authorisation must be approved in writing by this Department before such changes or deviation may be done. In assessing whether to grant such approval or not, the Department may request such information as is deems necessary to evaluate the significance and impacts of such changes	-	This condition is noted. There were no deviations or changes within the auditing period.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE 1 - PARTIAL COMPLIANCE 0 - NON-COMPLIANCE N/A - NOT APPLICABLE				
	or deviation and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.			
6	The activity must commence within a period of five (5) years from the date of issue of this authorisation. 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.	**2**	The activity commenced within five years as stipulated.	
7	Commencement with one activity listed in terms of this authorisation constitutes commencement of all authorised activities.	-	Noted	
8	The holder of an environmental authorisation must notify the competent authority of any alienation, transfer and change of ownership rights in the property on which the activity is to take place.	-	No alienation, transfer or changes of ownership occurred within the auditing period.	
Notification of authorisation and right to appeal				
9	The holder of the authorisation must notify every registered interested and affected party, in writing and within 12 (twelve) calendar days of the date of this environmental authorisation, of the decision to authorise the activity.	**N/A**	Appeal period has lapsed.	
10	The notification referred to must -			
10.1	Specify the date on which the authorisation was issued;			

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
10.2	Inform the interested and affected party of the appeal procedure provided for in Chapter 7 of the Environmental Impact Assessment Regulations, 2010;			
10.3	Advise the interested and affected party that a copy that a copy of the authorisation will be furnished on request; and			
10.4	Give the reasons of the competent authority for the decision.			
11	The holder of the authorisation must publish a notice -	**N/A**	Appeal period has lapsed.	
11.1	Informing interested and affected parties of the decision;			
11.2	Informing interested and affected parties where the decision can be assessed; and			
11.3	Drawing the attention of interested and affected parties to the fact that an appeal may be lodged against this decision in the newspaper(s) contemplated and used in terms of regulation 54(2)(c) and (d) and which newspaper was used for the placing of advertisements as part of the public participation process.			
Management of the activity				
12	The Environmental Management Programme (EMPr) submitted as part of the Application for EA is hereby approved. This EMPr must be implemented and adhered to.	-	Noted	
Monitoring				
13	The applicant must appointed an independent Environmental Control Officer (ECO) for the construction phase of the development that will have the responsibility to ensure that the mitigation/rehabilitation measures and recommendations referred to in this authorisation are implemented and to ensure compliance with the provisions of the EMPr.	**N/A**	The activity is no longer in the construction phase.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
13.1	The ECO must be appointed before commencement of any authorised activity.	**N/A**		
13.2	Once appointed, the name and contact details of the ECO must be submitted to the Director: Compliance Monitoring of the Department.			
13.3	The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.			
13.4	The ECO must remain employed until all rehabilitation measures, as required for implementation due to construction damage, are completed and the site is ready for operation.			
Recording and reporting to the Department				
14	All documentation e.g., audit/monitoring/compliance reports and notifications, required to be submitted to the Department in terms of this authorisation, must be submitted to the Director: Compliance Monitoring at the Department.	**2**	Reports are submitted to the Department.	
15	The holder of the authorisation must submit an environmental audit report to the Department within 30 days of completion of the construction phase (i.e., within 30 days of site handover) and within 30 days of completion of rehabilitation activities.	**N/A**	This condition is no longer applicable, completion and rehabilitation was reached.	
16	The environmental audit report must indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the environmental authorisation conditions as well as the requirements of the EMPr.	**2**	Annual reports are conducted.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
17	Records relating to monitoring and auditing must be kept on site and made available for inspection to any relevant and competent authority in respect of this development.	**2**	Records relating to monitoring and auditing are made available upon request.	
Commencement of the activity				
18	The authorised activity shall not commence within twenty (20) days of the date of signature of the authorisation.	**N/A**	The activity has been completed. The condition application for pre-construction phase.	
19	An appeal under section 43 of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended), does not suspend an environmental authorisation or exemption, or any provisions or conditions attached thereto, or any directive, unless the Minister, MEC or delegated organ of state directs otherwise.	-	Noted	
20	Should you be notified by the Minister of a suspension of the authorisation pending appeal procedures, you may not commence with the activity until such time that the Minister allows you to commence with such an activity in writing.	**N/A**	No appeals were received.	
Notification to authorities				

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE 1 - PARTIAL COMPLIANCE 0 - NON-COMPLIANCE N/A - NOT APPLICABLE				
21	Fourteen (14) days 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 on which it is anticipated that the activity will commence, as well as a reference number. This notification period may coincide with the notice of intent to appeal period.	**N/A**	The project is no longer in the construction phase.	
Operation of the activity				
22	Fourteen (14) days written notice must be given to the Department that the activity operational phase will commence.	**N/A**		
Site closure and decommissioning				
23	Should the activity ever cease or become redundant, the applicant shall undertake the required actions as prescribed by legislation at the time and comply with all relevant legal requirements administered by any relevant and competent authority at that time.	**N/A**	This condition does not apply. The site is still operational.	
Specific conditions				
24	Construction areas must be clearly demarcated and only approved areas must be used for storage and cement mixing. Any cement or concrete mixing must be done on an impervious surface to prevent soil contamination.	**N/A**	The activity is no longer in the construction phase.	
25	Any solid waste must be disposed of at a landfill licensed in terms of the relevant legislation.	**2**	Kabosha is appointed for disposal of general waste and Enviroserv is appointed for	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
			disposal of hazardous waste.	
26	Anti-collision devices such as bird flappers must be installed where powerline crosses avifaunal corridors.	**N/A**	No avifaunal corridors were identified. Eskom is responsible for identifying corridors and placing anti-collision devices where needed.	
27	Potable water must not be used to mitigate dust nuisance.	**2**	Potable water is not used for dust suppression.	
28	Eskom conditions stipulated in their correspondence dated 27 June 2008 must be adhered to.	**-**	Noted.	
29	The use of generators on site must include the use of drip trays.	**N/A**	There are no generators on-site. Construction phase has ended.	
30	An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling and re-use options where	**2**	A waste management programme has been	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
	appropriate. Any solid waste shall be disposed of at a landfill licensed in terms of section 20 (b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008). Copies of all waste disposal certificates must be kept on site.		developed based on best practices. Kabosha is appointed for disposal of general waste and Enviroserv is appointed for disposal of hazardous waste.	
General				
31	A copy of this authorisation and the approved EMPr must be kept at the property where the activity/will be undertaken. The authorisation and approved EMPr must be produced to any authorised 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 authorisation who works or undertakes work at the property.	**2**	A copy of the authorisation is readily available upon request.	
32	The holder of the authorisation must notify both the Acting Director: Integrated Environmental Authorisations and the Director: Compliance Monitoring at the Department, in writing and within 48 (forty-eight) hours, if any condition of this authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.	**N/A**	Noted, no non-compliances with regard to this authorisation have been reported.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMEDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
33	National government, provincial government, local authorities or committees appointed in terms of this Environmental Authorisation or any other public authority shall not be held responsible for any damages or losses suffered by the applicant or his successor in title in any instance where construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.	-	Noted	

Appendix 2.5: Environmental Authorisation for Tharisa Opencast mine. Reference No.: Environmental Authorisation (EA) (NWP/EIA/50/2011) (29 April 2015) Compliance audit checklist

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
4. Appeal of Environmental Authorisation				
4.1	The holder of the Environmental Authorisation must notify every registered interested and affected party, in writing and within twelve (12) days, of receiving an Environmental Authorisation from the Department.	**N/A**	The appeal period has lapsed.	
4.2	The notification referred to in 4.1 must -			
4.2.1	Inform interested and affected parties of the decision, reason for decision and where the decision can be assessed.	**N/A**	The appeal period has lapsed.	
4.2.2	Advise the interested and affected parties that a copy of the Environmental Authorisation and reasons for the decision will be furnished on request.			
4.2.3	Specify the date on which the Environmental Authorisation was issued.			
4.2.4	Inform the registered interested and affected parties of the appeal procedure provided for in Chapter 7 of the Regulations (Government Notice No. R. 543 of 18 June 2010) See Annexure 2).			
4.2.5	An appeal against the decision must be lodged in terms of Chapter 7 of Government Notice No. R. 543 of 18 June 2010 in terms of NEMA, 1998, as amended, from the date of this Environmental Authorisation, with			

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE 1 - PARTIAL COMPLIANCE 0 - NON-COMPLIANCE N/A - NOT APPLICABLE				
	The Member of the Executive Council Department of Rural, Environment and Agricultural Development Agricentre Building Cnr. Dr James Moroka and Stadium Private Bag X2039 MMABATHO 2735 Tel No.: (018) 389 5688/5056 Fax No.: (018) 384 2679			
5. Management of the activity				
5.1	The draft Environmental Management Programme (EMPr) for the project submitted as part of the application for Environmental Authorisation is hereby approved.	-	Noted	
5.2	The recommendations and mitigation measures outlined in the Environmental Impact Assessment Report compiled by SLR Consulting Africa (Pty) Ltd received on 09 December 2014 must be adhered to.	**2**	Tharisa Mine conducts annual audits to monitor compliance with recommendations and mitigation measures outlined in EIA Report. Tharisa Mine obtained	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
			over 90% for all licenses audited in the previous EA audit conducted in August 2022. As shown in APPENDIX 8: ENVIRONMENTAL AUTHORISATION COMPLIANCE AUDIT 2022	
5.3	Any proposed amendments to the EMPr (as a result of this Environmental Authorisation or otherwise) must be submitted in writing to Chief Director: Environmental Services for approval prior to the amendment being implemented.	-	No new amendments to the EMPr were submitted within the audit period.	
5.4	The provisions of the EMPr are an extension of the conditions of the Environmental Authorisation and therefore non-compliance with the EMPr would constitute the non-compliance with the Environmental Authorisation.	**1**	EMPr Performance Assessment audits are conducted biennially to monitor compliance with EMPr conditions. Tharisa obtained a compliance score of 79.74% in the February 2022 audit. See APPENDIX 9: EMPR	Tharisa Mine should address the non-compliances raised in the EMPr audit report to improve the compliance score.

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
			PERFORMANCE AUDIT REPORT 2022.	
5.5	The EMPr must form part of the contractor's tender documentation for all contractors working on the project and must be made available on the site.	**N/A**	There is no contractor on-site. The project is no longer in the construction phase.	
6. Monitoring				
6.1	The holder of Environmental Authorisation must appoint an Environmental Control Officer (ECO) for the duration of the construction phase that will have the responsibility to ensure that the mitigation/rehabilitation measures and recommendations referred to in the Environmental Impact Assessment Report are implemented, and to ensure compliance with the provisions of the EMPr.	**N/A**	The project is no longer in the construction phase.	
6.2	The name and contact details of the ECO must be communicated to the Control Environmental Officer Grade B: Environmental Compliance and Enforcement Section.	**N/A**	The project is no longer in the construction phase.	
6.3	The ECO must be appointed before the commencement of any land clearing or construction activity.	**N/A**		
6.4	The ECO must ensure communications with key stakeholders in respect to monitoring of compliance with conditions of Environmental Authorisation and the EMPr and also liaise with Control Environmental Officer Grade B: Environmental Compliance and Enforcement Section.	**N/A**		

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE 1 - PARTIAL COMPLIANCE 0 - NON-COMPLIANCE N/A - NOT APPLICABLE				
6.5	The ECO must keep record of all activities on site, monitoring programmes, problems identified, transgressions noted and a schedule of tasks undertaken by the ECO.	**N/A**		
6.6	It is the responsibility of the holder of this Environmental Authorisation to ensure that an ongoing management and monitoring of the impacts of the activities on the environment throughout the life cycle of the activities is put into practice.	**2**	Monthly surface water and quarterly groundwater monitoring, dust monitoring and biomonitoring are carried out to ensure compliance and monitor impacts of activities on the environment.	
7. Recording and reporting to the Department				
7.1	All the incidents of spill must be reported to this Department and Department of Water and Sanitation within twenty-four (24) and action taken to remedy the situation must be outlined.	**2**	Incidents of spillages were reported to DWS. Proof of notification was provided . All incidents are recorded along with remediation action taken and status of the incident.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
7.2	Records relating to monitoring and auditing must be kept onsite and made available for inspection to any relevant and competent authority in respect of this development.	**2**	Audit reports are readily available for inspections and audits.	
8. Commencement of the activity/ Notification to authority				
8.1	Fourteen (14) days written notice must be given to Control Environmental Officer Grade B: Environmental Compliance and Enforcement Section that the activity will commence. Commencement for the purposes of this condition includes site preparation.	**N/A**	The project is no longer in the construction phase.	
8.2	An appeal made against Environmental Authorisation result in it being suspended, therefore the activity must not commence pending the decision by the Member of Executive Council.	**N/A**	Appeal period has lapsed.	
8.3	The number of people employed for construction phase must be submitted with the notice of commencement of the activity.	**N/A**	Construction phase has been completed.	
9. Operation of the activity				
9.1	Wastewater must be treated and recycled, and this must form part of the management strategy for the operation of the project. Department of Water and Sanitation must be informed of the incidents that could lead to water pollution and must be involved in mitigation/corrective measures undertaken as a result of such incidents.	**2**	Tharisa Mine has a wastewater treatment plant that forms part of their management strategy. Incidents of pollution are recorded and communicated to DWS.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
9.2	General waste must be collected and disposed of at a licensed landfill site on a weekly basis. Recyclable waste must be recovered for recycling purposes. No temporary dumping of waste is allowed onsite.	**2**	General waste is collected daily by Kabosha. Waste disposal slips were provided.	
9.3	A waste management plan to be designed and implemented for the operational phase of the development. The waste management plan must address amongst others: • Collection procedures, transportation and disposal of waste; • The minimisation and sorting of waste at source; and • Recycling of recoverable waste.	**2**	This is addressed in Tharisa Mine's waste management plan.	
9.4	Existing groundwater monitoring must be continued and it must be expanded to monitor impacts of the proposed additional new structure and infrastructure. Groundwater monitoring must be done in consultation with the Department of Water and Sanitation.	**2**	Groundwater monitoring is done quarterly by Aquatico.	
9.5	All contaminated stormwater generated onsite during operation of the mine must be collected and channelled into the Pollution Control Dam. Only clean stormwater may be discharged into the natural environment.	**2**	Clean stormwater and contaminated water are separated and deposited into raw water dam and PCD respectively. Stormwater infrastructure is being upgraded.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
9.6	Fuel storage tanks and associated infrastructure must be regularly monitored and properly maintained in good working condition to prevent leaks and spillages.	**2**	Inspections are conducted regularly by Environmental Team.	
9.7	Blasting must be undertaken only during the day, and blast times must be communicated with existing communities living around the mine.	**2**	Blasting only occurs during the day and blasting notices are placed throughout the mine and outside the mine.	
9.8	Groundwater pollution with chrome content (Cr^{6+}) must be avoided.	**2**	Chrome content was shown to fall within permissible levels during the groundwater monitoring conducted quarterly.	
9.9	The holder of Environmental Authorisation must ensure that water is used in a sustainable manner and that all reasonable measures are taken to conserve it.	**2**	Tharisa makes use of closed-water system where contaminated water is recirculated back into the plant to be used during mining process.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
9.10	The number of people employed for operational phase must be submitted to this Department one (01) month after commencement with operation of the activity.	**N/A**		
10. Site closure and decommissioning of the activity				
10.1	Should the activity ever cease or become redundant, the applicant must undertake the required actions as prescribed by legislation at the time and comply with all relevant legal requirements administered by any relevant and competent authority at that time.	**-**	Noted	
10.2	All mitigation measures for the decommissioning phase, as outlined in the Environmental Impact Assessment Report compiled by SLR Consulting Africa (Pty) Ltd and Specialists Reports received on 09 December 2014 must be adhered to.	**N/A**	The activities of this license are not in the decommissioning phase.	
10.3	The disturbed areas must be rehabilitated to almost a natural state, and landscaping of the disturbed areas must make extensive use of locally appropriate indigenous vegetation.	**N/A**	The activities of this license are not in the decommissioning phase.	
11. Specific conditions				
11.1	The applicant must adhere to the proposed mitigation measures and recommendations contained in the Environmental Impact Assessment Report compiled by SLR Consulting Africa (Pty) Ltd received on 09 December 2014; the Comments from Department of Water and Sanitation, and Comments from Bojanala Platinum District Municipality.	**2**	Tharisa Mine conducts annual audits to monitor compliance with recommendations and mitigation measures outlined in EIA Report. Tharisa Mine obtained	Tharisa Mine must address any non-compliances that are raised in compliance audit reports.

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
			over 90% for all licenses audited in the previous EA audit conducted in August 2022.	
11.2	The development must be restricted to construction and operation of a chrome sand drying plant, storage of fuel, changes in footprint, size and design of the tailings storage facility and waste rock dumps, construction and operation of a new waste rock dump and disturbance of water courses on the farms Kafferskraal 342 JQ and Elandsdrift 467 JQ, Rustenburg and Madibeng Local Municipalities, North West Province.	**2**	The chrome sand drying plant is not constructed. All other activities are activities are included in this authorisation.	
11.3	The applicant must apply for an Atmospheric Emission License in terms of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) with the Bojanala Platinum District Municipality regarding the proposed construction and operation of the chrome sand drying plant.	**N/A**	The chrome sand drying plant has not been constructed.	
11.4	The proposed stream diversion must be approved by the Department of Water and Sanitation.	**2**	The proposed stream diversion was authorised in the amended water-use licence of 2020.	
11.5	Appropriate signage must be placed to caution the community, employees and contractor not to attempt to enter certain structures without being authorised and regular safety	**2**	Appropriate signage is placed all around the mine and its facilities. The	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
	inspections must be conducted in order to ensure that participants are equipped with necessary safety equipments.		community, employees and contractors are cautioned not to enter certain structures without being authorised. Proof of safety inspections and inductions was provided.	
11.6	The proposed development site must be suitably demarcated area to minimise exposure of the ground to erosion.	**2**	No erosion was observed during the audit.	
11.7	All plants species of conservation importance (if any) must be removed from the demarcated area prior to commencement and must either be relocated outside of the construction area or donated to the South African National Biodiversity Institute in consultation with Biodiversity Management Directorate of this Department.	**N/A**	The project is no longer in the construction phase.	
11.8	Topsoil must be removed and stockpiled aside for rehabilitation and such topsoil must be protected against water and wind erosion.	**2**	Topsoil that was removed is used for progressive rehabilitation.	
11.9	The stockpiles must not be placed within drainage line or site and all trenches and excavation works must be properly backfilled and compacted and if any soils are contaminated, it should be stripped and disposed of at a registered hazardous waste landfill site.	**N/A**	There were no stockpiles on-site during the time of the audit.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
11.10	No surface or groundwater must be polluted due to any activities on the property or site. The discharge of any pollutants such as cement, concrete, lime, chemicals, etc., into the natural environment and the storm water system must strictly be prohibited.	**1**	A discharge incident was recorded on 2023/04/17. This was due to pump failure at tailings facility 2. This resulted in the discharge of contaminated water beyond perimeter fence towards a tributary of the Sterkstroom River. The cause of the failure was recorded as cable theft. Remediation measures and mitigation measures were included in the incident register.	Tharisa Mine should consider power back-up in case of power failure.
11.11	Clear separation of clean and dirty water systems must take place and good management of the dirty water systems must take place to prevent unnecessary seepage and discharge.	**2**	Stormwater infrastructure is being upgraded. Diversion channels are in place. Contaminated water is channeled into	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
			the PCD and clean water is channeled into the raw water dam.	
11.12	Dust suppression measures must be implemented to prevent the spreading of nuisance dust. The applicant must ensure that dust suppression (including water spraying) are undertaken on regular basis within all haul roads on site.	**2**	Chemical and water dust suppression is done regularly throughout the day. Water tankers were observed doing dust suppression during the audit site walk.	
11.13	The applicant must ensure that the design, construction of Tailings Storage Facilities (TSF) and Waste Rock Dumps (WRD) are done under supervision of professional engineer, and operation is undertaken in a manner that prevents surface and groundwater contamination.	**2**	Epoch was appointed as the professional engineer.	
11.14	The TSF and Waste Rock Dumps surfaces must be lined with an appropriate impermeable layer to prevent seepage of water from these areas and possible contamination of groundwater.	**2**	The TSF and WRD surfaces are lined with a clay layer as per approved engineering design specifications.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
11.15	The walls of the tailings storage facility must be vegetated with indigenous grass to prevent erosion and to minimise visual impacts as well as to ensure integral stability of the dams.	**2**	The walls of the tailings storage facility are vegetated with indigenous grass.	
11.16	Proper storm-water diversion berms must be constructed around the TSF and WRD to channel clean stormwater away from the mining areas, and to prevent further rum-off erosion.	**2**	There are stormwater diversion berms around the TSF and WRDs. Stormwater infrastructure is being upgraded.	
11.17	The aboveground storage tanks must be suitably enclosed by an impervious bund wall, which must be capable of containing the maximum volumes stored in the tank. The drainage point area must be connected to an oil/water separator.	**2**	Above-ground storage tanks are enclosed within an impervious bund wall. Maximum volumes stored in the tanks are clearly displayed. Capacities of bund walls are also clearly marked.	
11.18	The fuel storage tanks and associated infrastructure must comply with all relevant South African National Standards (SANS) and municipal bylaws applicable to the installation and operation of fuel storage tanks and associated infrastructure.	**2**	The installation and operation of the fuel storage tanks and associated infrastructure	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
			comply with applicable SANS and Municipal bylaws.	
11.19	A spill contingency and emergency response plan must be developed in conjunction with the Department of Water and Sanitation, and must be implemented as soon as the development is operational.	**2**	Spill contingencies are covered in Waste Management Procedure. Emergency response is covered in the Emergency Preparedness and Response Plan. Both plans are implemented.	
11.20	Any re-fuelling of equipment must occur on a hardened or concrete slab surface within designated re-fuelling area where any spill can be contained.	**2**	Refueling occurs on concrete surface within designated refueling area.	
11.21	The contractor must ensure that drip trays are always available to collect any fluid that may result from accidental spillage, overflow and/or servicing. All equipment that leak must be repaired immediately and/or removed from the site when necessary.	**2**	Drip trays are available.	
11.22	Adequate firefighting equipment must be installed on site. This should be done in consultation with the local fire protection and emergency services.	**2**	Firefighting equipment is installed throughout the facilities of the mine. Fire	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
			extinguishers are maintained regularly. See Figure 4	
11.23	The holder of Environmental Authorisation is responsible for compliance with the provisions for duty of care and remediation of environmental damage in accordance with Section 28 of National Environmental Management Act, 1998 (Act No. 107 of 1998).	-	Noted	
11.24	The overall EMPr must be based on the premise of sound environmental management and cost effective measures that will ensure wherever possible solution to the remediation of the impacts caused by the construction and operation activities.	**2**	Biennial EMPr Performance Audits are conducted to ensure efficiency and proper management of the environment. The latest audit was conducted in February 2022.	
11.25	Notwithstanding the preceding conditions, the holder shall adhere to, and ensure adherence by all contractors, sub-contractors and workers for this project, to all conditions listed herein, and all obligations, commitments, monitoring and proposed mitigation measures as outlined in the EMPr.	**2**	All contractors, sub-contractors and workers within the mine are inducted and made aware of the conditions of the authorisation.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
12. General				
12.1	A copy of this Environmental Authorisation must be kept at the property where the activity will be undertaken. The Environmental Authorisation must be produced to any authorised 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 Environmental Authorisation who works or undertakes work at the property.	**2**	This environmental authorisation is kept at the site and made. available for inspections upon request.	
12.2	The holder of the Environmental Authorisation must notify the Department, in writing and within forty-eight (48) hours, if any condition of this Environmental Authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance. Non-compliance with a condition of this Environmental Authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Regulations	**2**	There were no reasons why conditions of the EA could not be adhered to during the audit period.	
12.3	National government, provincial government, local authorities or committees appointed in terms of this Environmental Authorisation or any other public authority shall not be held responsible for any damages or losses suffered by the applicant or his successor in title in any instance where construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of this Environmental Authorisation as set out in this document or any other	**-**	Noted	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECCOMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE	N/A - NOT APPLICABLE	
	subsequent document emanating from these conditions of this Environmental Authorisation.			

Appendix 2.6: Approval of Addendum to the approved Environmental Impact Assessment/Environmental Management Programme (EIA/EMPr). Reference Number NW/30/5/1/2/3/2/1/358 (24 June 2015) compliance audit checklist

APPENDIX I: EA CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0-- NON-COMPLIANCE		N/A- NOT APPLICABLE
1	**11.** All mining activities must take place in accordance with the approved EIA/EMPr		.	
2	**12.** All available topsoil must be stripped and stockpiled separately prior to any surface disturbance	**2**	Topsoil was stripped and the mine has demarcated areas for stockpiling topsoil.	
3	**13.** No mining activities and infrastructure are allowed withing 1:50 flood line or 100 meters from the edge of the river whatever is the greater, without the necessary authorisation from Department of Water Affairs (DWA)	**2**	The EA holder has WUL for activities occurring within stipulated floodlines.	
4	**14.** Tharisa Minerals (Pty) Ltd (the company) is responsible for all surface disturbances on the mining area, which includes all historical surface disturbances.	**2**	Tharisa Minerals carries the responsibility.	
5	**15.** No mining waste will be allowed to be deposited in a natural drainage line, erosion gullies and or dongas, unless agreed thereto in writing with the Regional Manager	**2**	Waste is piled in designated areas away from drainage lines.	
6	**16.** All excavations must be backfilled to the natural surface level, if a bulk factor exist it must be accommodated on the total area of disturbance.		Backfilling is done to pre-mining surface level.	

7	**17.** A surveyed plan must be submitted every year to the Regional Manager that indicates: ➢ The position, footprints, and volumes of all soil stockpiles overburden, dumps, waste rock dumps and slime dams (any structure that is above the natural surface). ➢ The positions, surface areas and depths of all open pits. ➢ The positions and surface areas of all rehabilitated areas (please see indicate the status of rehabilitation-backfilled, profiled/landscaped, top soiled, vegetated or monitoring and managing.	**2**	Tharisa submits surveyed plan annually. The 2023 plan is attached in APPENDIX 4: SURVEYED PLAN - 2023 and proof of submission in APPENDIX 5: PROOF OF SUBMISSION. The surveyed plan meets all requirements stipulated in this condition.	
8	**18.** The rehabilitation fund must be upgraded or revised on an annual basis according to the surveyed plan, which indicates the progress in rehabilitation.	**2**	The financial provision is revised annually and submitted to DMRE. The 2023 Financial Provision is attached in APPENDIX 6: FINANCIAL PROVISION.	
9	**19.** Monitoring must be conducted on a continuous basis	**2**	Monthly monitoring is done annually.	
10	**20.** Performance assessment report as contemplated in regulation 55 (1) (c) of the Mineral and Petroleum Resources	**2**	Tharisa Mine conducts EMPR audits biennially.	

	Development Act 2002 (Act No.28 of 2002) must be submitted every two years to the Regional Manager: Mineral Regulation.			
11	**21.** Any project, expansions or additional infrastructure must be addressed through an addendum and submitted to the Regional Manager: Mineral Regulation for the approval, before they commerce. This approval may be amended at any stage if deemed necessary.	**2**	The EA Holder has approvals from DMRE for all expansions in the mine.	
12	**22.** Should any archaeological artefact be exposed during the mining activities in the vicinity of findings it must be stopped. Under no circumstances shall any artefact be destroyed. Such an archaeological site must be marked and fenced off, and South African Heritage Agency must be contacted as soon as possible.	**-**	Condition is noted. No findings to date.	
13	**23.** This approval does not purport to absolve you from its common law obligations towards the surface rights holder or any other affected party.	**2**	The EA Holder is aware of their legal obligations, they have legal register.	
14	**24.** The following Acts area applicable and relevant to the said approval and you is to familiarize itself with its provisions in so far as they apply to your operations. ➢ The National Water Act, 1998 (Act No.36 of 1998), with particular reference to the sections pertaining to the mining or mining in the proximity of dams and their catchments areas, areas rivers, marshes, streams, pans and other water courses.	**2**	The EA is aware of this requirement, there is an Environmental Team dedicated to ensuring compliance with the acts.	

	➢ The Environmental Conservation Act, 1989 (Act No.73 of 19890. Your attention is specially directed to the requirements of section 20 of the above Act. ➢ The National Environmental Act: Air Quality Act, 2004 (Act No. 39 of 2004), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by mining activities, into the atmosphere. ➢ The Conservation of Agriculture Resources Act, 1983 (Act No.43 of 1983), with particular reference to sections pertaining to soil conservation. ➢ The National Heritage Resources Act, 1999 (Act No. 25 of 1999), with particular reference to sections pertaining to the protection of all historical and pre-historical cultural remains. ➢ The Mine Health and Safety (Act 29 of 1996) in conjunction with Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), with particular reference to sections and regulations pertaining to health and safety at mines; mining within 100 meters from structures that must be protected; as well as those sections pertaining to rehabilitation of the surface. ➢ The National Environmental Management Act, 1998 (Act No. 107 1998), with particular reference to sections principles in chapter 2 of the said Act.			

	25.			
15	**26.** All persons concerned must be made fully conversant with the terms of this approval, copies of which must be readily available to them.	**2**	Workers have been made aware and the Environmental Department is fully conversant with the terms of the approval.	

Appendix 2.7: Amendment Environmental Authorisation in terms of the National Environmental Management Act (EA) NW30/5/1/2/3/2/1/358EM (14 August 2020) compliance audit checklist

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
	SITE SPECIFIC CONDITIONS			
1.	All mining activities and associated activities within the mining area must adhere to the mitigation measures and the recommendations indicated in the approved reports including the final Basic Assessment Report of the proposed upgrade of the wastewater treatment plant received on the 08th of November 2019.	**2**	The Environmental Team has been tasked with responsibility to oversee implementation of mitigation measures.	
2.	The upgrading of the existing WWTP should be conducted as per the approved Basic Assessment Report and the Environmental Management Plan.	**N/A**	Applicable for construction phase.	
3.	Dust minimization measures must be put in place to minimize any dust that will be generated during the upgrade of the wastewater treatment plant.	**N/A**	Applicable for construction phase.	
4.	Noise from the machineries and the construction activities must be kept at a minimum, in order to minimise noise impact on the nearby communities.	**N/A**	Applicable for construction phase.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
5.	The contractor(s) must ensure that no animals are disturbed, trapped, hunted or killed during the construction phase. Conservation-orientated clause should be built into contracts for construction.	**N/A**	The condition was applicable for construction phase.	
1.	**SCOPE OF AUTHORISATION**			
1.1.	The holder of EA shall be responsible for ensuring compliance with the conditions contained in the EA. This includes any person acting on the holder's behalf, including but not limited to an agent, servant, contractor, subcontractor, employee, consultant, or any person rendering a service to the holder of EA.	**2**	The Environmental Team has been tasked with responsibility to oversee implementation of mitigation measures.	
1.2.	**27.** Any Changes to, or deviation from the project description set out in this EA must be approved in writing by this Department before such changes or deviation may be effected. In assessing whether to grant such approval or not, the Department may request such information as is deeming necessary to evaluate the significance and impacts of such changes or deviation and it may be necessary for the holder of the EA to apply for further authorisation in terms of the EIA Regulations.	**2**	No deviations have been effected.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
1.3.	**28.** The activities, which are authorised, may only be carried out at the property (ies) indicated in the EA and or on the approved EMPr.	**2**	Only activities covered in this EA were established.	
1.4.	**29.** Where any of the holder of the EA contact details change including name of the responsible person, physical or postal address/or telephonic details, the holder of the EA must notify the Department as soon as the new details becomes known to the holder of the EA.	**N/A**	The EA contact details have not changed.	
1.5.	**30.** The EA does not negate the responsibility of the holder to comply with any other statutory requirements that may be applicable to the undertaking of such activity (ies).	**-**	Noted.	
1.6.	**31.** The holder of EA must ensure that all areas where the authorised activities occur have controlled access to ensure safety of people and animals.	**2**	The EA Holder has effective access control.	
2.	**APPEAL OF AUTHORISATION**		No longer applicable.	
2.1	**32.** The holder of the EA must in writing, within 14 (fourteen) calendar days from the date of this decision and in accordance with EIA Regulation 4(2) do the following:	**-**	Appeal period has lapsed.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
2.2	**33.** Notify all registered I&APs of –			
2.2.1.	**34.** The outcome of the application;			
2.2.2.	The date of the Decision;			
2.2.3.	The date of issue of the decision;			
2.2.4.	**35.** The reasons for the decision as included in Annexure 1 and Departmental Standard Conditions in Annexure 2.	-		
2.3.	**36.** Draw the attention of all registered I&APs to the fact to that an appeal may be lodged against the decision in terms of the National Appeals Regulations.			
2.4.	**37.** Draw the attention of all registered I&APs to the manner in which they may access the decision.			
2.5.	**38.** Provide the registered I&APs with:			
2.5.1.	**39.** Name of the holder (entity) of this EA;			
2.5.2.	**40.** Name of the responsible person for this EA;			
2.5.3.	**41.** Postal address of the holder			

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
2.5.4.	**42.** Telephonic and Fax details of the holder and			
2.5.5.	**43.** Email address of the holder if any.			
3.	**COMMENCEMENT OF ACTIVITY (IES)**			
3.1.	**44.** In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).	**2**	Workers are provided with PPE.	
3.2.	**45.** This EA must be provided to the site operator and the requirements thereof must be made fully known to him or her.	**2**	The EA was introduced as part of induction.	
3.3.	**46.** Hauling rules for construction vehicles and machinery must be clearly marked and appropriate signalling must be posted to that effect. Furthermore, movement of construction vehicles and machinery must be restricted to areas outside of the of the drainage lines or wet areas.	**N/A**	The condition was applicable for construction phase.	
3.4.	**47.** Appropriate notification sign must be erected at the construction site, warning the public (residents, visitors etc.) about the hazard **48.** around the construction site and presence of heavy vehicles and machinery.	**N/A**	The condition was applicable for construction phase.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.5.	**49.** Construction must design measures that allows surface and subsurface and 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 storm water runoff.	**N/A**	The condition was applicable for construction phase.	
3.6.	**50.** Vegetation clearance must be limited on areas where the individual activities will occur, and mitigation measures must be implemented to reduce the risk of erosion and alien species invasion.	**N/A**	The condition was applicable for construction phase.	
3.7.	**51.** The holder of the EA must note that in terms of the National Forest Act (Act No 84 of 1998) protected plant species, must not be cut, disturbed, damaged, destroyed and their products must not be possessed, collected, removed, transported, exported, donated, purchased or sold unless permission is granted by the Department of Agriculture, Forestry and fisheries.	**N/A**	The condition was applicable for construction phase. The project was developed on a brownfield.	
3.8.	**52.** Construction areas (e.g., materials 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 was applicable for construction phase.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.9.	**53.** 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.	**2**	The EA Holder has remedial action plan for incidental spillages. See APPENDIX 7: EMERGENCY RESPONSE PLAN.	
3.10.	**54.** An integrated waste management approach must be implemented that is based on waste minimization and must incorporate avoidance, reduction, recycling, treat, reuse and disposal where appropriate. Uncontaminated rubble generated on the premises can be re-used as back filling material on site. Ensure that no refuse or rubble generated on the premises is placed, dumped or deposited on the adjacent propertied or public places and open space.	**2**	The EA Holder has IWWMP plan in place. Waste minimization is done on-site.	
3.11.	**55.** In terms of section 28 and 30 of NEMA, and sections 19 and 20 of the National Water Act, 1998 (Act No.36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore	**2**	The EA has made financial provision of Section 28 and 30 of NEMA, as well as	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	imperative that the holder of the EA reads through and understand the legislative requirements pertaining to the project. It is the holder of EA responsibility to take reasonable measures which include information and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.		Sections 19 and 20 of NWA.	
3.12.	**56.** Construction vehicle must be serviced and maintained in the manner whereby no excessive smokes and noise production is reduced to acceptable level, and to prevent oil leaks. Contaminated soil must be remediated on site or removed to an authorised landfill site.	**N/A**	The condition was applicable for construction phase.	
3.13.	**57.** EA does not have condition for 3.13.			
3.14.	**58.** Residents (if any) on the property (ies) and surrounding areas must be informed if any unusually noisy activities are planned	**2**	There are no noisy activities associated with WWTW.	
3.15.	**59.** Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.	**2**	The EA Holder implements water dust suppression.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.16.	**60.** Mixing of cement, concrete, paints, solvent, sealants and adhesive must be done in specified areas on concrete aprons or on protected plastic linings to contain spillage or overflow onto soil to avoid contamination of underground water and environmental damage.	**N/A**	The condition was applicable for construction phase.	
3.17.	**61.** Should any heritage remains be exposed during operation or any action on the site, these must immediately be reported to the South African Heritage Resource Agency (SAHRA) and or **Northwest Heritage Resource Agency (NWHRA)** (in accordance with the applicable legislation). **62.** Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA). Heritage remains include; archaeological (including fossil bones and fossil shells); coins; middens, indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell, heaps; stone artifacts and bone remains, structured and other built features; rock art and rock engravings; shipwrecks; and graves or unmarked human burials. A qualified archaeologist must be	**N/A**	No heritage remains have been exposed yet.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.			
3.18.	**63.** Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.	**N/A**	The condition was applicable for rehabilitation phase. The project is at its operational phase.	
3.19.	**64.** Hydraulic fluid or chemicals required during construction must be stored in a concrete lined surface with bund walls and shall be designed in such a manner that any spillage can be contained and reclaimed without any impact on the surrounding environment. Should any spills occur, it should be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorised disposal site permitted of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and underground water resources.	**N/A**	The condition was applicable for construction phase. The project is at its operational phase.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.20.	**65.** Chemical sanitation facilities or system such as toilets that do not rely on the seepage of liquids must be provided with a ratio of 1 for every 15 workers. These must be placed such that they prevent spills or leaks to the environment and must be maintained according to the operating instructions and the content thereof must be disposed of at an authorised wastewater treatment works.	**N/A**	The condition was applicable for construction phase. The project is at its operational phase.	
3.21.	**66.** The holder of EA must ensure that any water uses listed in terms of Section 21 of the National Water Act must get authorization from Department of Water and Sanitation prior to the commencement of such activity (ies).	**2**	All listed water-uses in the mine are licensed.	
3.22.	**67.** Th is EA does not purport to absolve the holder of EA from its common law obligations towards the owner of the surface of the land affected.	**-**	The condition is noted.	
3.23.	**68.** The holder of EA must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMPr.	**N/A**	The condition was applicable for rehabilitation phase. The project is at its operational phase.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.24.	**69.** This EA may be amended or withdrawn at any stage for non-compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations.	-	The condition is noted.	
3.25.	**70.** The holder of EA must note that in terms of Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), residue deposit must be deposited and manage in a prescribed manner on any site demarcated for that purpose in the Environmental Management Programme. No person may temporary or permanently deposits residue stockpile or residue deposit on any area or site other than on site indicated on the Environmental Management Plan or Environmental Management Programme.	**2**	The sludge form WWTW is handled as hazardous waste in line with NEM:WA	
3.26.	**71.** The holder of EA must note that in terms of Section 20 of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), no person may commence, undertake or conduct a waste management activity, except, in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management licence is issued in respect of that activity if licence is required.	**2**	An authorisation was granted before commencement of the activity.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.27.	**72.** An appeal under Section 43 (7) of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended) suspend an EA or Exemption or any provisions of conditions attached hereto, or any directive unless the Minister directs otherwise.	-	Condition is noted; no appeal was lodged.	
3.28.	**73.** Should you be notified by the Minister of a suspension of the authorisation pending appeal procedure, you may not commence with the Activity (ies) until such time that the Minister allows you to commence with such Activity (ies) in writing. **74.**	-	Condition noted. No suspension notice has been issued.	
3.29.	**75.** The Department reserves the right to audit and/or inspect the activity (ies) without prior notification at any reasonable time and at such frequency as may be determined by the Regional Manager.	-	Condition noted.	
3.30.	**76.** The waste storage site must have a firm, impermeable, chemical resistant floor and a roof to prevent direct sunlight and rainwater from getting in contact with the waste.	**2**	Waste is stored in skips and wheelie bins. See Figure 6.	
3.31.	**77.** The storage of Hydrocarbons must have bund walls with adequate capacity to contain the maximum volume that is stored	**2**	Hydrocarbons are stored in self-bunded tanks which	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	in the area. Uncontaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site.		are stored in bund walls for double-protection. See Figure 3	
3.32.	**78.** Subject to the commencement and duration requirements of the MPRDA and NEMA for the listed mining activity is valid for the period for which the aforesaid Right is granted provided that this activity must commence within 10 years. If the commencement of the proposed activity does not occur within the specified period, the EA lapses and a new application for EA in terms of the NEMA and the EIA Regulations should be made for the activity to be undertaken.	**2**	The activity commenced within 10 years.	
3.33.	**79.** The listed activity (ies), including site preparation, must not commence within 20 (Twenty) calendar days of the date of the notification of the decision being sent to the registered I&APs. In the event that an appeal is lodged with the appeal administrator, the effect of this environmental authorisation is suspended until such time as the appeal is decided.	**2**	The activity did not commence within 20 days, the appeal period was allowed to run before commencement.	
3.34.	**80.** Should there be any conflicting conditions between this EA and	**2**	No conflicting conditions have been noted thus far.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	81. other approval granted by other authorities; it is upon the holder of EA to bring it to the attention of the Department for resolution.			
4.	**MANAGEMENT OF ACTIVITY (IES)**			
4.1.	**82.** A copy of the EA and the EMPr must be kept at the property or onsite office where the activity (ies) will be undertaken. The EA and EMPr must be produced to any authorised officials of the Department who request to see it and must be made available for inspection by any employee or agent of the holder of the EA who works or undertakes work at the property (ies).	**2**	The copies of the EA and the EMPr are kept at the mine.	
4.2.	**83.** The content of the EMPr and its objectives must be made known to all contractors, subcontractors, agent and any other people working on the site, and any updates or amendments to the EMPr must be submitted to the Department for approval.	**2**	The Environmental Team is conversant with the contents of the EMPR and they offer induction to anyone who works on or with approved activities as in when required.	
4.3.	**84.** The EA does not have 4.3.			

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.4.	**85.** Regular monitoring and maintenance of storm water drainage facilities must be conducted at all times, if damaged as directed by the Department or any other relevant authority.	**2**	Stormwater drainage channels are well-maintained, no blockages or clogging observed during the audit.	
4.5.	**86.** A buffer zone of 100 metres between the activity (ies) and the residential areas, cemeteries or burial grounds must be clearly demarcated and maintained.	**2**	Buffer zones were demarcated but there has been illegal encroachment of settlement towards the mine.	
4.6.	**87.** The holder of the EA must prevent nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards.	**2**	The EA Holder prevents nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards though their EMS, QMS and SMS.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
4.7.	**88.** The holder of the EA must ensure that all non-recyclable waste is disposed of at waste management facilities licenced to handle such waste and all recyclable waste are collected by licenced waste management facilities for recycling, reuse or treatment.	**2**	A registered service provider has been appointed to dispose of waste at a registered landfill site.	
4.8.	**89.** The holder of the EA must ensure that all liquid wastes, whose emissions to water or land could cause pollution are diverted to sewer, after testing water quality and receiving written approval from the relevant local authority.	**2**	Liquid waste which is not sewer is diverted to the pollution control dam	
4.9.	**90.** Non-compliance with any condition of this EA or EMPr may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of Section 31L of NEMA.	**-**	Noted, no action required.	
4.10.	**91.** Only listed activities that are expressly specified in the EMPr that forms part of this EA may be conducted, and additional or new activities not specified herein must be applied for by the holder and authorised by the competent authority in the form of an amendment to the aforesaid EMPr before such activities may be commenced with. This condition is also applicable in the case	**2**	Only approved listed activities are being conducted.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	of the amendment, addition, substitution, correction, and removal or updating of any detail in the aforesaid EMPr.			
4.11.	Rehabilitation of the disturbed surface caused by operation at all times must comply with the approved EMPr.	**2**	The Mine has rehabilitation programme and it is being implemented.	
4.12.	**92.** The Holder of EA must ensure that the name and contact details of the ECO is made available to the Regional Manager within 30 days of commencement. The holder of EA must also ensure that an ECO is always available on site to ensure that activity (ies) at all times comply with the issued EA and EMPr.	**N/A**	Applicable for construction phase.	
4.13.	**93.** The ECO must:	**N/A**	Applicable for construction phase.	
4.13.1.	**94.** Keep and maintain a detailed incident register (including any spillages of fuels, chemicals or any other material.			
4.13.2.	**95.** Keep a complaint register on site indicating the complaint and how the issues were addressed, what measures were taken and what the preventative measures were implemented to avoid re-occurrence of complains.			

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.13.3.	**96.** Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.			
4.13.4.	**97.** Keep copies of all environmental reports submitted to the Department.			
4.13.5.	**98.** Keep the records of all permits, licences and authorisation required by the operations.			
4.13.6	**99.** Compile a monthly monitoring reports and make it available to the Department if requested.			
4.14.	**100.** The duties and responsibility of the ECO should not be seen as exempting the holder of the EA from the legal obligations in terms of the NEMA.			
4.15.	**101.** The footprint of the activity (ies) must be limited on the areas authorised for the actual construction work and operational activities and all areas outside of the footprint must be regarded as a “no go” areas.	**2**		
4.16.	**102.** Erosion and soil loss must be prevented by minimizing the construction site exposed to surface water run-off. Where necessary erosion stabilizing action such as gabions or re-vegetation must be implemented to prevent further habitat deterioration.	**2**		

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.17.	**103.** The holder of the EA must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situation so as to minimise the risk involved. Records of training and verification of competence must be kept by the Holder of the EA.	**2**		
4.18.	**104.** In order to prevent nuisance conditions, the holder of the EA must ensure that all storage skips and bins are not overfilled.	**2**		
5	**REPORTING TO THE DEPARTMENT**			
5.1.	**105.** The holder of the EA must:			
5.1.1.	**106.** Submit an Environmental Audit Report to this Department biennially and such report must be done by qualified Environmental Assessment Practitioner and the audit report must specify whether conditions of this environmental authorisation and EMPr/closure plan are adhered to;	**2**	Environmental Audit Reports are submitted to the Department annually.	
5.1.2.	**107.** Identify and assess any new impacts and risks as a result of undertaking the activities, if applicable	**N/A**	No risks have been identified.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
5.1.3.	**108.** Identify shortcomings in the EMPr/closure plan, if applicable.	**N/A**	The EMPR is deemed adequate.	
5.1.4.	**109.** Identify the need, if any for any changes to the management, avoidance and mitigation measures provided for in the EMPr/closure plan;	**N/A**	The EMPR is deemed adequate.	
5.1.5.	**110.** If applicable, specify that the corrective action/s taken for the previous audit's non-conformities, was adequate;	**N/A**	The EA complied with the conditions of EA.	
5.1.6.	**111.** Specify the name of the auditor and;	**2**	The auditor's names are provided in the reports.	
5.1.7.	**112.** Be submitted by the holder to the competent authority within 30 days from the date on which the auditor finalised the audit.	**2**	Reports are submitted within 30 days from date of finalization.	
5.2.	**113.** Should any shortcomings in terms of Regulation 34 (4) be identified, the holder must submit recommendation to amend the EMPr/closure plan in order to rectify any shortcomings identified with the aforementioned audit report.	**-**	Noted, no shortcomings have been identified.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
5.3.	**114.** Any complaint received from the interested & Affected Parties during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned interested and affected parties.	**-**	Noted, no complaints have been received.	
5.4.	**115.** The holder of the EA must annually assess the environmental Liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of NEMA.	**2**	Financial provision is revised annually.	
5.5.	**116.** The holder of the EA must, within 24 hours of the incidents occurring, notify the Competent Authority of the occurrence or detection of any incident on the site, or incidental to the operation of the site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution.	**2**	Incidents are recorded and reported to the Department when they occur. See **Error! Reference source not found.**	
5.6.	**117.** The holder of the EA must, within 14 days, or a shorter period of time, if specified by the Competent Authority from the occurrence or detection of any incident, referenced to in condition 5.5, submit an action plan, which must include a	**N/A**	No incident has been recorded during the reporting period.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	detailed time schedule, and resource allocation signed off by top management, to the satisfaction of the Competent Authority of measures taken to –			
5.6.1.1.	**118.** Correct the impact resulting from the incident;	**N/A**		
5.6.1.2.	**119.** Prevent the incident from causing any further impact; and			
5.6.1.3.	**120.** Prevent a recurrence of a similar incident.			
5.7.	**121.** In the event that measures have not been implemented within 21 days of the incident referred to in condition 5.6, or measures which have been implemented are inadequate, the Competent Authority may implement the necessary measures at the cost of the holder of the EA.	**N/A**	No incident has been recorded during the reporting period.	
6.	**SITE SECURITY AND ACCESS CONTROL**			
6.1.	**122.** The holder of the EA must ensure effective access control on the site to reasonably prevent unauthorised entry. Signs indicating the risks involved in unauthorised entry must be displayed at each entrance.	**2**	There is effective access control to the WWTW.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
6.2.	**123.** Weather proof, durable and legible notices in at least three official languages applicable in the area must be displayed at each entrance to the site. These notices must prohibit unauthorised entry and state the hours of operations, the name, address and telephone number of the holder of the EA and the person responsible for the operation of the site.	**2**	Weather-proof, durable and legible notices in three languages have been displayed at each entrance to the site. See Figure 7	
7.	**EMERGENCY PREPAREDNESS PLAN**			
7.1.	**124.** The holder of the EA must maintain and implement an emergency preparedness plan and review it biennially when conducting audit and after emergency and or major accident. The plan must, amongst others, include:	**2**	The EA Holder maintains and implements emergency preparedness plan covering the aspects listed in Condition 7. The plan is revised annually.	
7.1.1.	**125.** Site Fire	**2**		
7.1.3.	**126.** Spillage	**2**		
7.1.3.	**127.** Natural disasters such as floods	**2**		
7.1.4	**128.** Industrial action	**2**		

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
7.1.5.	**129.** Contact details of police, ambulances and any emergency centre closer to the site.	**2**		
7.2.	**130.** The holder of EA must ensure that an up-to-date emergency register is Kept during all phases of the operation. This register must be made available upon request by the department.	**2**		
8.	**INVESTIGATION**			
8.1.	**131.** If, in the opinion of the Competent Authority, nuisances or health risks may be or is occurring on the site, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem.	**-**	Noted, no opinion expressed by CA for the listed activities.	
8.2.	**132.** If, in the opinion of the Competent Authority, pollution may be or is occurring, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem, such investigation must include the monitoring of the water quality variables, at those monitoring points and such frequency as may be specified by the Competent Authority.	**-**	Noted, no opinion expressed by CA for the listed activities.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
8.3.	**133.** Investigation carried out in terms of condition 8.1 and 8.2 above must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Competent Authority.	**N/A**	No investigations have been carried out.	
8.4.	**134.** Should the investigation carried out as per condition 8.1 and 8.2 above reveal any unacceptable levels of pollution, the holder of the EA must submit mitigation measures to the satisfaction of the Competent Authority.	**N/A**	No investigations have been carried out.	
9.	**COMMISSIONING AND DECOMMISSIONING**			
9.1.	**135.** 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.	**2**	The WWTW was commissioned as per the EMPR, no decommissioning is planned in the near future.	
10.	**SITE CLOSURE**	**N/A**	The site is still operational.	
10.1.	**136.** The holder of EA must apply for a closure certificate in terms of Section 34 of Mineral and Petroleum Resource			

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	Development Act (Act 49 of 2008), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment, and completion of development.			
10.2.	**137.** The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 34 of Mineral and Petroleum Resource Development Act (Act 28 of 2002), as amended.			
10.3.	**138.** No exotic plants may be used for rehabilitation purposes only indigenous plant can be utilized for rehabilitation purpose.			
10.4.	**139.** The holder of EA remains responsible for any environmental liability, pollution or ecological degradation, the umping and treatment of extraneous water, compliance with the conditions of EA and the management and sustainable closure thereof until the minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resource Development Act (Act 28 of 2002). Where necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.			

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
11.	**NEMA PRINCIPLES**			
	140. The NEMA Principle (Set out in Section 2 of NEMA), which apply to the actions of all Organs of State, serve as guidelines by reference to which any Organ of State must exercise any function when taking any decision, and which must guide the interpretation, administration and implementation of any other law concerned with the protection or management of the environment), *inter alia*, provides for: ➢ The effects of decision on all aspects of the environment to be taken into account; ➢ The consideration, assessment and evaluation of the social, economic and environmental impacts of activities (disadvantages and benefits), and for decisions to be appropriate in the light of such consideration and assessment; ➢ The co-ordination and harmonisation of policies, legislation and actions relating to the environment.	-	Noted; the EA Holder is not organ of state.	

APPENDIX 2.7: ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	➢ The resolving of actual or potential conflicts of interest between Organs of State through conflict resolution procedures; and ➢ The selection of the best practicable environmental option.			
12.	**DISCLAIMER**			
	141. The Department of Mineral Resources in terms of the conditions of this environmental authorisation shall not be responsible for any damage or losses suffered by the holder, developer or his/her successor in an instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document a legal action emanating from this decision.	-	Noted	

Appendix 2.8: Amendment of an Environmental Authorisation in terms of the National Environmental Management Act. Reference number NW 30/5/1/2/3/2/1/358EM (03 August 2021) compliance audit checklist

APPENDIX I: EA SITE SPECIFIC CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0-- NON-COMPLIANCE N/A- NOT APPLICABLE				
1	All mining activities and associated activities within the mining area must adhere to the mitigation measures and the recommendations indicated in the approved increase of the storage capacity of the tailings facility and waste rock dump, and the increase of the fuel storage capacity received on the 22nd October 2020.	**2**	Tharisa ensures that all its mining activities adheres to the mitigation measures and the recommendations indicated.	
2	Dust minimisation measures must be put in place to minimise any dust that will be generated during the construction increase of the storage capacity of the tailings facility and waste rock dump, and the increase of the fuel storage capacity.	**2**	As shown in Figure 9, dust suppression measures were observed on site during the site visit.	
3	Noise from the machineries and the construction must be kept at a minimum in order to minimise noise impact on the any nearby communities.	**2**	The noise level from machineries and operating plants was kept at a minimal during the site visit.	
4	The contractors must ensure that no animals are disturbed, trapped, hunted or killed during the construction phase. Conservation clauses should be built into contracts for construction personnel.	**2**	The construction phase has ended. Tharisa continues to ensure that no animals are disturbed, trapped or killed.	Tharisa to ensure continual compliance with regards to animal protection and conservation.

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
				that no animals are disturbed, trapped, hunted or killed.
1.	**SCOPE OF AUTHORISATION**			
1.1.	The holder of EA shall be responsible for ensuring compliance with the conditions contained in the EA. This includes any person acting on the holder's behalf, including but not limited to an agent, servant, contractor, subcontractor, employee, consultant or any person rendering a service to the holder of EA.	**2**	The environmental team is responsible for ensuring compliance with the conditions of the EA.	
1.2.	Any Changes to, or deviation from the project description set out in this EA must be approved in writing by this Department before such changes or deviation may be effected. In assessing whether to grant such approval or not, the Department may request such information as is deeming necessary to evaluate the significance and impacts of such	**2**	No Changes or deviations have been effected.	Tharisa to ensure that any changes to, or deviation from the project description set out in this EA must be approved in writing by this Department before such changes or deviation may be effected.

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
	changes or deviation and it may be necessary for the holder of the EA to apply for further authorisation in terms of the EIA Regulations.			
1.3.	The activities, which are authorised, may only be carried out at the property (ies) indicated in the EA and or on the approved EMPr.	**2**	The authorized activities are carried out at the property indicated in the EA and the approved EMPr.	Tharisa to ensure that the authorized activities are carried out/limited at the properties indicated on the EA and approved EMPr.
1.4.	Where any of the holder of the EA contact details change including name of the responsible person, physical or postal address/or telephonic details, the holder of the EA must notify the Department as soon as the new details becomes known to the holder of the EA.	**N/A**	No contact details of the EA holder have changed.	Tharisa to ensure that where any of the holder of the EA contact details change including name of the responsible person, physical or postal address/or telephonic details, the holder of the EA must notify the Department as soon as the new details becomes known to the holder of the EA.
1.5.	The EA does not negate the responsibility of the holder to comply with any other statutory requirements that may be applicable to the undertaking of such activity (ies).	**-**	The EA condition is noted.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
1.6.	The holder of EA must ensure that all areas where the authorised activities occur have controlled access to ensure safety of people and animals.	**2**	Access control was observed during the site visit.	Tharisa to continually control access to where authorized activities are occurring.
2.	**APPEAL OF AUTHORISATION**			
2.1	The holder of the EA must in writing, within 14 (fourteen) calendar days from the date of this decision and in accordance with EIA Regulation 4(2) do the following:	**N/A**	Not Applicable. The project is in operational phase.	
2.2	Notify all registered I&APs of –			
2.2.1.	The outcome of the application;			
2.2.2.	The date of the Decision;			
2.2.3.	The date of issue of the decision;			
2.2.4.	The reasons for the decision as included in Annexure 1 and Departmental Standard Conditions in Annexure 2.			
2.3.	Draw the attention of all registered I&APs to the fact to that an appeal may be lodged against the decision in terms of the National Appeals Regulations.			

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
2.4.	Draw the attention of all registered I&APs to the manner in which they may access the decision.			
2.5.	Provide the registered I&APs with:			
2.5.1.	Name of the holder (entity) of this EA;			
2.5.2.	Name of the responsible person for this EA;			
2.5.3.	Postal address of the holder			
2.5.4.	Telephonic and Fax details of the holder and			
2.5.5.	Email address of the holder if any.			
3.	**COMMENCEMENT OF ACTIVITY (IES)**			
3.1.	In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).	**2**	All employees are provided with the appropriate PPE.	
3.2.	This EA must be provided to the site operator and the requirements thereof must be made fully known to him or her.	**2**	This EA is included in inductions and trainings.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.3.	Hauling rules for construction vehicles and machinery must be clearly marked and appropriate signalling must be posted to that effect. Furthermore, movement of construction vehicles and machinery must be restricted to areas outside of the of the drainage lines or wet areas.	**N/A**	This condition was applicable in the construction phase.	
3.4.	Appropriate notification sign must be erected at the construction site, warning the public (residents, visitors etc.) about the hazard around the construction site and presence of heavy vehicles and machinery.	**N/A**	This condition was applicable in the construction phase.	
3.5.	Construction must design measures that allows surface and subsurface and 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 storm water runoff.	**N/A**	This EA condition is applicable for the construction phase.	
3.6.	Vegetation clearance must be limited on areas where the individual activities will occur, and mitigation measures must be implemented to reduce the risk of erosion and alien species invasion.	**N/A**	The condition is applicable for the pre-construction phase.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.7.	The holder of the EA must note that in terms of the National Forest Act (Act No 84 of 1998) protected plant species, must not be cut, disturbed, damaged, destroyed and their products must not be possessed, collected, removed, transported, exported, donated, purchased or sold unless permission is granted by the Department of Agriculture, Forestry and fisheries.	**-**	This EA condition has been noted by the EA holder.	
3.8.	Construction areas (e.g., materials 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**	This condition was applicable to the construction phase.	
3.9.	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.	**2**	Tharisa has an incident register in place to capture all spillages occurring on site including mitigation measures.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.10.	An integrated waste management approach must be implemented that is based on waste minimization and must incorporate avoidance, reduction, recycling, treat, reuse and disposal where appropriate. Uncontaminated rubble generated on the premises can be re-used as back filling material on site. Ensure that no refuse or rubble generated on the premises is placed, dumped or deposited on the adjacent propertied or public places and open space.	**2**	The EA Holder has IWWMP plan in place. Waste minimization is done on-site.	
3.11.	In terms of section 28 and 30 of NEMA, AND sections 19 and 20 of the National Water Act, 1998 (Act No.36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the EA reads through and understand the legislative requirements pertaining to the project. It is the holder of EA responsibility to take reasonable measures which include information and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.	**2**	Financial provision has been made in terms of section 28 and 30 of NEMA, AND sections 19 and 20 of the National Water Act, 1998 (Act No.36 of 1998).	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.12.	Construction vehicle must be serviced and maintained in the manner whereby no excessive smokes and noise production is reduced to acceptable level, and to prevent oil leaks. Contaminated soil must be remediated on site or removed to an authorised landfill site.	**N/A**	The condition was applicable for construction phase.	
3.13.				EA does not have condition for 3.13.
3.14.	Residents (if any) on the property (ies) and surrounding areas must be informed if any unusually noisy activities are planned	**2**	There are no noisy activities associated with the WWTP.	
3.15.	Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.	**2**	Dust suppression plan was provided during the site visit.	
3.16.	Mixing of cement, concrete, paints, solvent, sealants and adhesive must be done in specified areas on concrete aprons or on protected plastic linings to contain spillage or overflow onto soil to avoid contamination of underground water and environmental damage.	**N/A**	The condition was applicable for construction phase.	
3.17.	Should any heritage remains be exposed during operation or any action on the site, these must immediately be reported	**N/A**	No heritage remains have been exposed yet.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	to the South African Heritage Resource Agency (SAHRA) and or North West Heritage Resource Agency (NWHRA) (in accordance with the applicable legislation). Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA). Heritage remains include; archaeological (including fossil bones and fossil shells); coins; middens, indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell, heaps; stone artifacts and bone remains, structured and other built features; rock art and rock engravings; shipwrecks; and graves or unmarked human burials. A qualified archaeologist must be contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.			

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.18.	Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons	**N/A**	The condition was applicable for rehabilitation phase. The project is at its operational phase.	
3.19.	Hydraulic fluid or chemicals required during construction must be stored in a concrete lined surface with bund walls and shall be designed in such a manner that any spillage can be contained and reclaimed without any impact on the surrounding environment. Should any spills occur, it should be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorised disposal site permitted of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and underground water resources.	**N/A**	The condition was applicable for rehabilitation phase. The project is at its operational phase.	
3.20.	Chemical sanitation facilities or system such as toilets that do not rely on the seepage of liquids must be provided with a ratio of 1 for every 15 workers. These must be placed such that they prevent spills or leaks to the environment and must	**N/A**	The condition was applicable for rehabilitation phase. The project is at its operational phase.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	be maintained according to the operating instructions and the content thereof must be disposed of at an authorised wastewater treatment works.			
3.21.	The holder of EA must ensure that any water uses listed in terms of Section 21 of the National Water Act must get authorization from Department of Water and Sanitation prior to the commencement of such activity (ies).	**2**	The water-uses listed in this EA are licensed.	
3.22.	This EA does not purport to absolve the holder of EA from its common law obligations towards the owner of the surface of the land affected.	**-**	This EA condition has been noted by the EA holder.	
3.23.	The holder of EA must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMPr.	**N/A**	The condition was applicable for rehabilitation phase. The project is at its operational phase.	
3.24.	This EA may be amended or withdrawn at any stage for non-compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations.	**-**	This EA condition has been noted by the EA holder.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.25.	The holder of EA must note that in terms of Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), residue deposit must be deposited and manage in a prescribed manner on any site demarcated for that purpose in the Environmental Management Programme. No person may temporary or permanently deposits residue stockpile or residue deposit on any area or site other than on site indicated on the Environmental Management Plan or Environmental Management Programme.	**2**	The sludge form WWTW is handled as hazardous waste in line with NEM:WA.	
3.26.	The holder of EA must note that in terms of Section 20 of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), no person may commence, undertake or conduct a waste management activity, except, in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management licence is issued in respect of that activity if licence is required.	**2**	An authorisation was granted before commencement of the activity.	
3.27.	An appeal under Section 43 (7) of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended) suspend an EA or Exemption or any	**-**	This EA condition has been noted by the EA holder.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	provisions of conditions attached hereto, or any directive unless the Minister directs otherwise.			
3.28.	Should you be notified by the Minister of a suspension of the authorisation pending appeal procedure, you may not commence with the Activity (ies) until such time that the Minister allows you to commence with such Activity (ies) in writing.	-	This EA condition has been noted by the EA holder.	
3.29.	The Department reserves the right to audit and/or inspect the activity (ies) without prior notification at any reasonable time and at such frequency as may be determined by the Regional Manager.	-	This EA condition has been noted by the EA holder.	
3.30.	The waste storage site must have a firm, impermeable, chemical resistant floor and a roof to prevent direct sunlight and rain water from getting in contact with the waste.	**2**	Waste is stored in skips and wheelie bins.	
3.31.	The storage of Hydrocarbons must have bund walls with adequate capacity to contain the maximum volume that is stored in the area. Uncontaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site.	**2**	Hydrocarbons are stored in self-bunded tanks which are stored in bund walls. See Figure 3.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.32.	Subject to the commencement and duration requirements of the MPRDA and NEMA for the listed mining activity is valid for the period for which the aforesaid Right is granted provided that this activity must commence within 10 years. If the commencement of the proposed activity does not occur within the specified period, the EA lapses and a new application for EA in terms of the NEMA and the EIA Regulations should be made for the activity to be undertaken.	**2**	The activity commenced within 10 years.	
3.33.	The listed activity (ies), including site preparation, must not commence within 20 (Twenty) calendar days of the date of the notification of the decision being sent to the registered I&APs. In the event that an appeal is lodged with the appeal administrator, the effect of this environmental authorisation is suspended until such time as the appeal is decided.	**2**	The activity did not commence within 20 days, the appeal period was allowed to run before commencement.	
3.34.	Should there be any conflicting conditions between this EA and other approval granted by other authorities; it is upon the holder of EA to bring it to the attention of the Department for resolution.	**2**	No conflicting conditions have been noted thus far.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.	**MANAGEMENT OF ACTIVITY (IES)**			
4.1.	A copy of the EA and the EMPr must be kept at the property or onsite office where the activity (ies) will be undertaken. The EA and EMPr must be produced to any authorised officials of the Department who request to see it and must be made available for inspection by any employee or agent of the holder of the EA who works or undertakes work at the property (ies).	**2**	Tharisa has a copy of the EA and EMPr available onsite upon request.	
4.2.	The content of the EMPr and its objectives must be made known to all contractors, subcontractors, agent and any other people working on the site, and any updates or amendments to the EMPr must be submitted to the Department for approval.	**2**	The EMPr and its objectives was made known to all contractors, subcontractors, agents and other people working on site. Tharisa conducts environmental induction for each and every employee and contractor working on site.	
4.3.		**N/A**	The EA do not have 4.3.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.4.	Regular monitoring and maintenance of storm water drainage facilities must be conducted at all times, if damaged as directed by the Department or any other relevant authority.	**2**	Tharisa is maintaining the stormwater drainage facilities and currently in the process of upgrading the stormwater infrastructure.	
4.5.	buffer zone of 100 metres between the activity (ies) and the residential areas, cemeteries or burial grounds must be clearly demarcated and maintained.	**2**	Buffer zones were demarcated but there has been illegal encroachment of settlement towards the mine.	
4.6.	The holder of the EA must prevent nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards.	**2**	The EA Holder prevents nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards though their EMS, QMS and SMS.	
4.7.	The holder of the EA must ensure that all non-recyclable waste is disposed of at waste management facilities licenced	**2**	A registered service provider has been appointed to	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
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2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	to handle such waste and all recyclable waste are collected by licenced waste management facilities for recycling, reuse or treatment.		dispose of waste at a registered landfill site.	
4.8.	The holder of the EA must ensure that all liquid wastes, whose emissions to water or land could cause pollution are diverted to sewer, after testing water quality and receiving written approval from the relevant local authority.	**2**	Liquid waste which is not sewer is diverted to the pollution control dam	
4.9.	Non-compliance with any condition of this EA or EMPr may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of Section 31L of NEMA.	**-**	The EA condition has been noted by the EA holder.	
4.10.	Only listed activities that are expressly specified in the EMPr that forms part of this EA may be conducted, and additional or new activities not specified herein must be applied for by the holder and authorised by the competent authority in the form of an amendment to the aforesaid EMPr before such activities may be commenced with. This condition is also applicable in the case of the amendment, addition, substitution, correction, and removal or updating of any detail in the aforesaid EMPr	**2**	Only approved listed activities that are specified in the EA and EMPr are conducted.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
4.11.	Rehabilitation of the disturbed surface caused by operation at all times must comply with the approved EMPr.	**2**	The Mine has rehabilitation programme and it is being implemented.	
4.12.	The Holder of EA must ensure that the name and contact details of the ECO is made available to the Regional Manager within 30 days of commencement. The holder of EA must also ensure that an ECO is always available on site to ensure that activity (ies) at all times comply with the issued EA and EMPr.	**N/A**	This EA condition is applicable for construction phase.	
4.13.	The ECO must:	**N/A**	This EA condition is applicable for construction phase.	
4.13.1.	Keep and maintain a detailed incident register (including any spillages of fuels, chemicals or any other material.			
4.13.2.	Keep a complaint register on site indicating the complaint and how the issues were addressed, what measures were taken and what the preventative measures were implemented to avoid re-occurrence of complains.			
4.13.3.	Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.			

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.13.4.	Keep copies of all environmental reports submitted to the Department.			
4.13.5.	Keep the records of all permits, licences and authorisation required by the operations.			
4.13.6	Compile a monthly monitoring reports and make it available to the Department if requested.			
4.14.	The duties and responsibility of the ECO should not be seen as exempting the holder of the EA from the legal obligations in terms of the NEMA.			
4.15.	The footprint of the activity (ies) must be limited on the areas authorised for the actual construction work and operational activities and all areas outside of the footprint must be regarded as a “no go” areas.	**2**	The footprint of Tharisa’s activities is limited on areas authorized for the operational activities and areas outside the footprint of Tharisa is regarded as a no-go area.	
4.16.	Erosion and soil loss must be prevented by minimizing the construction site exposed to surface water run-off. Where necessary erosion stabilizing action such as gabions or re-	**2**	No erosions or soil loss were observed on site during the site visit.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	vegetation must be implemented to prevent further habitat deterioration.			
4.17.	The holder of the EA must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situation so as to minimise the risk involved. Records of training and verification of competence must be kept by the Holder of the EA.	**2**	Tharisa conducts induction/training on hazardous waste to personnels who work with hazardous waste.	
4.18.	In order to prevent nuisance conditions, the holder of the EA must ensure that all storage skips and bins are not overfilled.	**2**	Waste storage skips and bins were observed not overfilled.	
5	**REPORTING TO THE DEPARTMENT**			
5.1.	The holder of the EA must:	**2**	The EA condition has been noted by the EA holder. Tharisa conducts environmental audits biennially to assess and monitor the compliance of the EA conditions.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
5.1.1.	Submit an Environmental Audit Report to this Department biennially and such report must be done by qualified Environmental Assessment Practitioner and the audit report must specify whether conditions of this environmental authorisation and EMPr/closure plan are adhered to;			
5.1.2.	Identify and assess any new impacts and risks as a result of undertaking the activities, if applicable	**2**		
5.1.3.	Identify shortcomings in the EMPr/closure plan, if applicable.	**N/A**		
5.1.4.	Identify the need, if any for any changes to the management, avoidance and mitigation measures provided for in the EMPr/closure plan;	**N/A**		
5.1.5.	If applicable, specify that the corrective action/s taken for the previous audit's non-conformities, was adequate;	**N/A**		
5.1.6.	Specify the name of the auditor and;	**N/A**		
5.1.7.	Be submitted by the holder to the competent authority within 30 days from the date on which the auditor finalised the audit.	**2**		
5.2.	Should any shortcomings in terms of Regulation 34 (4) be identified, the holder must submit recommendation to amend	**-**	This condition is noted. No shortcomings were identified.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	the EMPr/closure plan in order to rectify any shortcomings identified with the aforementioned audit report.			
5.3.	Any complaint received from the interested & Affected Parties during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned interested and affected parties.	**2**	Tharisa has a complaint register available where interested and affected parties can raise concerns to be addressed.	
5.4.	The holder of the EA must annually assess the environmental Liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of NEMA.	**2**	Financial provision is updated annually.	
5.5.	The holder of the EA must, within 24 hours of the incidents occurring, notify the Competent Authority of the occurrence or detection of any incident on the site, or incidental to the operation of the site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution.	**2**	Incidents are recorded and reported to the Department.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
5.6.	The holder of the EA must, within 14 days, or a shorter period of time, if specified by the Competent Authority from the occurrence or detection of any incident, referenced to in condition 5.5, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by top management, to the satisfaction of the Competent Authority of measures taken to –	**N/A**	No incident has been recorded during the reporting period.	
5.6.1.1.	Correct the impact resulting from the incident;	**N/A**	No incident has been recorded during the reporting period.	
5.6.1.2.	Prevent the incident from causing any further impact; and	**N/A**	No incident has been recorded during the reporting period.	
5.6.1.3.	Prevent a recurrence of a similar incident.	**N/A**	No incident has been recorded during the reporting period.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
5.7.	In the event that measures have not been implemented within 21 days of the incident referred to in condition 5.6, or measures which have been implemented are inadequate, the Competent Authority may implement the necessary measures at the cost of the holder of the EA.	**N/A**	No incident has been recorded during the reporting period.	
6.	**SITE SECURITY AND ACCESS CONTROL**			
6.1.	The holder of the EA must ensure affective access control on the site to reasonably prevent unauthorised entry. Signs indicating the risks involved in unauthorised entry must be displayed at each entrance.	**2**	Tharisa has implemented access control on the site to reasonably prevent unauthorised entry.	
6.2.	Weather proof, durable and legible notices in at least three official languages applicable in the area must be displayed at each entrance to the site. These notices must prohibit unauthorised entry and state the hours of operations, the name, address and telephone number of the holder of the EA and the person responsible for the operation of the site.	**2**	Tharisa has erected weather proof, durable and legible notices in at least three official languages	
7.	**EMERGENCY PREPAREDNESS PLAN**			

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
7.1.	The holder of the EA must maintain and implement an emergency preparedness plan and review it biennially when conducting audit and after emergency and or major accident. The plan must, amongst others, include:	**2**	The EA condition has been noted by the EA holder. Tharisa has implemented an emergency preparedness plan and it is reviewed biennially when conducting audit and after emergency and or major accident. The emergency preparedness plan includes the following:	
7.1.1.	Site Fire	**2**	Tharisa has implemented an emergency preparedness plan which includes the site fire.	
7.1.3.	Spillage	**2**	Tharisa has implemented an emergency preparedness plan which includes spillages occurring on site.	

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2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
7.1.3.	Natural disasters such as floods	**2**	Tharisa has implemented an emergency preparedness plan which includes natural disaster such as floods.	
7.1.4	Industrial action	**2**	Tharisa has implemented an emergency preparedness plan which includes industrial action.	
7.1.5.	Contact details of police, ambulances and any emergency centre closer to the site.	**2**	Tharisa has implemented an emergency preparedness plan which conclude contact details of police, ambulances and any emergency centre closer to the site.	
7.2.	The holder of EA must ensure that an up-to-date emergency register is Kept during all phases of the operation. This register must be made available upon request by the department.	**2**	Tharisa mine keeps an up-to-date emergency register during all phases of the operation. This register is	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
			made available upon request by the department.	
8.	**INVESTIGATION**			
8.1.	If, in the opinion of the Competent Authority, nuisances or health risks may be or is occurring on the site, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem.	**-**	Noted, no opinion expressed by CA for the listed activities.	
8.2.	If, in the opinion of the Competent Authority, pollution may be or is occurring, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem, such investigation must include the monitoring of the water quality variables, at those monitoring points and such frequency as may be specified by the Competent Authority.	**-**	Noted, no opinion expressed by CA for the listed activities.	
8.3.	Investigation carried out in terms of condition 8.1 and 8.2 above must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Competent Authority.	**N/A**	No investigations have been carried out.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
8.4.	Should the investigation carried out as per condition 8.1 and 8.2 above reveal any unacceptable levels of pollution, the holder of the EA must submit mitigation measures to the satisfaction of the Competent Authority.	**N/A**	No investigations have been carried out.	
9.	**COMMISSIONING AND DECOMMISSIONING**			
9.1.	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.	**2**	The WWTW was commissioned as per the EMPR, no decommissioning is planned in the near future.	
10.	**SITE CLOSURE**			
10.1.	The holder of EA must apply for a closure certificate in terms of Section 34 of Mineral and Petroleum Resource Development Act (Act 49 of 2008), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment, and completion of development.	**N/A**	This condition has been noted by the EA holder. The site is still operational.	
10.2.	The application for closure indicated above must be submitted together with all relevant documents as indicated			

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	in Section 34 of Mineral and Petroleum Resource Development Act (Act 28 of 2002), as amended.			
10.3.	No exotic plants may be used for rehabilitation purposes only indigenous plant can be utilized for rehabilitation purpose.			
10.4.	The holder of EA remains responsible for any environmental liability, pollution or ecological degradation, the umping and treatment of extraneous water, compliance with the conditions of EA and the management and sustainable closure thereof until the minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resource Development Act (Act 28 of 2002). Where necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.			
11.	**NEMA PRINCIPLES**			
	The NEMA Principle (Set out in Section 2 of NEMA), which apply to the actions of all Organs of State, serve as guidelines by reference to which any Organ of State must exercise any function when taking any decision, and which	-	The EA condition has been noted by the EA holder.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	must guide the interpretation, administration and implementation of any other law concerned with the protection or management of the environment), *inter alia*, provides for: - The effects of decision on all aspects of the environment to be taken into account; ➢ The consideration, assessment and evaluation of the social, economic and environmental impacts of activities (disadvantages and benefits), and for decisions to be appropriate in the light of such consideration and assessment; ➢ The co-ordination and harmonisation of policies, legislation and actions relating to the environment. ➢ The resolving of actual or potential conflicts of interest between Organs of State through conflict resolution procedures; and ➢ The selection of the best practicable environmental option.			
12.	**DISCLAIMER**			

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
	The Department of Mineral Resources in terms of the conditions of this environmental authorisation shall not be responsible for any damage or losses suffered by the holder, developer or his/her successor in an instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document a legal action emanating from this decision.	-	The EA condition has been noted by the EA holder.	
13.	**RECOMMENDATION**			
	In view of the above, the NEMA principle, compliance with the conditions stipulated in this EA, and compliance with the EMPr/closure plan, the competent authority is satisfied that the proposed listed activities will not conflict with the general objective of Integrated Environmental Management Stipulated in Chapter 5 of NEMA, and that any potentially detrimental impacts resulting from the listed activities can be mitigated to acceptable levels. The authorisation is accordingly granted.	-	The EA condition is noted by the EA holder.	

Appendix 2.9: Amendment of an Environmental Authorization in terms of the National Environmental Management Act, 1998 (as amended) and the Environmental Impact Assessment (EIA) regulations. reference number NW 30/5/1/2/3/2/1/358EM (31 May 2023) compliance audit checklist.

APPENDIX I: EA SITE SPECIFIC CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0-- NON-COMPLIANCE N/A- NOT APPLICABLE				
1	All mining activities and associated activities within the mining area must adhere to the mitigation measures and the recommendations indicated in the approved reports including the Environmental Impact Assessment Report for the expansion of the existing and approved far west rock dump 1 by a footprint of 109ha and the establishment of a waste rock dump on backfilled portions of the east pit by a footprint of 72ha received on the 27th October 2022.	**2**	The Environmental Team has been tasked with responsibility to oversee implementation of mitigation measures.	
2	Expansion of the Far Waste Rock Dump which is closer to the community can only commence once the neighbouring community of Mmaditlhokwa village has been relocated away from the mining site.	**2**	No expansion has occurred yet however, EA for the relocation of the community of Mmaditlhokwa village has been granted.	
3	Dust minimisation measures must be put in place to minimise any dust that will be generated during the construction and operation and operation of an expansion of the existing and approved far west waste rock dump 1 by a footprint of 109ha and the establishment of a waste rock dump on backfilled portions of the east pit by a footprint of 72ha.	**2**	Dust suppression measures were observed on site during the site. See Figure 9.	

4	Noise from the machineries and the construction must be kept at a minimum in order to minimise noise impact on the any nearby communities.	**N/A**	Applicable for construction phase.	
5	The contractors must ensure that no animals are disturbed, trapped, hunted or killed during the construction phase. Conservation clauses should be built into contracts for construction personnel.	**N/A**	The condition was applicable for construction phase.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
1.	**SCOPE OF AUTHORISATION**			
1.1.	The holder of EA shall be responsible for ensuring compliance with the conditions contained in the EA. This includes any person acting on the holder's behalf, including but not limited to an agent, servant, contractor, subcontractor, employee, consultant or any person rendering a service to the holder of EA.	**2**	The Environmental Team has been tasked with responsibility to oversee implementation of mitigation measures.	
1.2.	Any Changes to, or deviation from the project description set out in this EA must be approved in writing by this Department before such changes or deviation may be effected. In assessing whether to grant such approval or not, the Department may request such information as is deeming necessary to evaluate	**2**	No deviations have been effected.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	the significance and impacts of such changes or deviation and it may be necessary for the holder of the EA to apply for further authorisation in terms of the EIA Regulations.			
1.3.	The activities, which are authorised, may only be carried out at the property (ies) indicated in the EA and or on the approved EMPr.	**2**	Only authorized activities are being carried out at the properties indicated in the EA and approved EMPr.	
1.4.	Where any of the holder of the EA contact details change including name of the responsible person, physical or postal address/or telephonic details, the holder of the EA must notify the Department as soon as the new details becomes known to the holder of the EA.	**N/A**	No EA contact details have changed.	
1.5.	The EA does not negate the responsibility of the holder to comply with any other statutory requirements that may be applicable to the undertaking of such activity (ies).	**-**	This EA condition is noted by the EA holder	
1.6.	The holder of EA must ensure that all areas where the authorised activities occur have controlled access to ensure safety of people and animals.	**2**	The EA Holder has effective access control.	
2.	**APPEAL OF AUTHORISATION**	**N/A**	No longer applicable. Appeal period has passed.	
2.1	The holder of the EA must in writing, within 14 (fourteen) calendar days from the date of this decision and in accordance with EIA Regulation 4(2) do the following:	**N/A**		

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
2.2	Notify all registered I&APs of –	**N/A**		
2.2.1.	The outcome of the application;	**N/A**		
2.2.2.	The date of the Decision;	**N/A**		
2.2.3.	The date of issue of the decision;	**N/A**		
2.2.4.	The reasons for the decision as included in Annexure 1 and Departmental Standard Conditions in Annexure 2.	**N/A**		
2.3.	Draw the attention of all registered I&APs to the fact to that an appeal may be lodged against the decision in terms of the National Appeals Regulations.	**N/A**		
2.4.	Draw the attention of all registered I&APs to the manner in which they may access the decision.	**N/A**		
2.5.	Provide the registered I&APs with:	**N/A**		
2.5.1.	Name of the holder (entity) of this EA;	**N/A**		
2.5.2.	Name of the responsible person for this EA;	**N/A**		
2.5.3.	Postal address of the holder	**N/A**		
2.5.4.	Telephonic and Fax details of the holder and	**N/A**		

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
2.5.5.	Email address of the holder if any.	**N/A**		
3.	**COMMENCEMENT OF ACTIVITY (IES)**			
3.1.	In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).	**2**	During the site visit, all employees on site were observed wearing full PPE required to perform their duties.	
3.2.	This EA must be provided to the site operator and the requirements thereof must be made fully known to him or her.	**2**	This EA is covered in the inductions.	
3.3.	Hauling rules for construction vehicles and machinery must be clearly marked and appropriate signalling must be posted to that effect. Furthermore, movement of construction vehicles and machinery must be restricted to areas outside of the of the drainage lines or wet areas.	**N/A**	The condition was applicable for construction phase.	
3.4.	Appropriate notification sign must be erected at the construction site, warning the public (residents, visitors etc.) about the hazard around the construction site and presence of heavy vehicles and machinery.	**N/A**	The condition was applicable for construction phase.	
3.5.	Construction must design measures that allows surface and subsurface and 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 storm water runoff.	**N/A**	This EA condition is applicable for the construction phase.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.6.	Vegetation clearance must be limited on areas where the individual activities will occur, and mitigation measures must be implemented to reduce the risk of erosion and alien species invasion.	**N/A**	The condition is applicable for the pre-construction phase.	
3.7.	The holder of the EA must note that in terms of the National Forest Act (Act No 84 of 1998) protected plant species, must not be cut, disturbed, damaged, destroyed and their products must not be possessed, collected, removed, transported, exported, donated, purchased or sold unless permission is granted by the Department of Agriculture, Forestry and fisheries.	**N/A**	The condition was applicable for construction phase. The project was developed on a brownfield.	
3.8.	Construction areas (e.g., materials 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 was applicable for construction phase.	
3.9.	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	**2**	Tharisa has an incident register in place to capture all spillages occurring on site and the appropriate mitigation measures.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	re-use of contaminated soil must be investigated prior to the disposal and this Department must be informed in this regard.			
3.10.	An integrated waste management approach must be implemented that is based on waste minimization and must incorporate avoidance, reduction, recycling, treat, reuse and disposal where appropriate. Uncontaminated rubble generated on the premises can be re-used as back filling material on site. Ensure that no refuse or rubble generated on the premises is placed, dumped or deposited on the adjacent propertied or public places and open space.	**2**	The EA Holder has IWWMP plan in place. Waste minimization is done on-site.	
3.11.	In terms of section 28 and 30 of NEMA, and sections 19 and 20 of the National Water Act, 1998 (Act No.36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the EA reads through and understand the legislative requirements pertaining to the project. It is the holder of EA responsibility to take reasonable measures which include information and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.	**2**	The EA has made financial provision of Section 28 and 30 of NEMA, as well as sections 19 and 20 of the National Water Act, 1998 (Act No.36 of 1998).	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
3.12.	Construction vehicle must be serviced and maintained in the manner whereby no excessive smokes and noise production is reduced to acceptable level, and to prevent oil leaks. Contaminated soil must be remediated on site or removed to an authorised landfill site.	**N/A**	The condition was applicable for construction phase.	
3.13.		**N/A**	EA does not have condition for 3.13.	
3.14.	Residents (if any) on the property (ies) and surrounding areas must be informed if any unusually noisy activities are planned	**2**	Residents on the property and surrounding areas are informed if any unusually noisy activities are planned.	
3.15.	Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.	**2**	The EA Holder implements water dust suppression.	
3.16.	Mixing of cement, concrete, paints, solvent, sealants and adhesive must be done in specified areas on concrete aprons or on protected plastic linings to contain spillage or overflow onto soil to avoid contamination of underground water and environmental damage.	**N/A**	The condition was applicable for construction phase.	
3.17.	Should any heritage remains be exposed during operation or any action on the site, these must immediately be reported to the South African Heritage Resource Agency (SAHRA) and or **Northwest Heritage Resource Agency (NWHRA)** (in accordance with the applicable legislation).	**N/A**	No heritage remains have been exposed yet.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA). Heritage remains include; archaeological (including fossil bones and fossil shells); coins; middens, indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell, heaps; stone artifacts and bone remains, structured and other built features; rock art and rock engravings; shipwrecks; and graves or unmarked human burials. A qualified archaeologist must be contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.			
3.18.	Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.	**N/A**	The condition was applicable for rehabilitation phase. The project is at its operational phase.	
3.19.	Hydraulic fluid or chemicals required during construction must be stored in a concrete lined surface with bund walls and shall be designed in such a manner that any spillage can be contained and reclaimed without any impact on the surrounding	**N/A**	The condition was applicable for construction phase. The project is at its operational phase.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	environment. Should any spills occur, it should be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorised disposal site permitted of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and underground water resources.			
3.20.	Chemical sanitation facilities or system such as toilets that do not rely on the seepage of liquids must be provided with a ratio of 1 for every 15 workers. These must be placed such that they prevent spills or leaks to the environment and must be maintained according to the operating instructions and the content thereof must be disposed of at an authorised wastewater treatment works.	**N/A**	The condition was applicable for construction phase. The project is at its operational phase.	
3.21.	The holder of EA must ensure that any water uses listed in terms of Section 21 of the National Water Act must get authorization from Department of Water and Sanitation prior to the commencement of such activity (ies).	**2**	All listed water-uses in the mine are licensed.	
3.22.	Th is EA does not purport to absolve the holder of EA from its common law obligations towards the owner of the surface of the land affected.	**-**	This EA condition has been noted by the EA holder.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
3.23.	The holder of EA must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMPr.	**N/A**	The condition was applicable for rehabilitation phase. The project is at its operational phase.	
3.24.	This EA may be amended or withdrawn at any stage for non-compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations.	**-**	This EA condition has been noted by the EA holder.	
3.25.	The holder of EA must note that in terms of Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), residue deposit must be deposited and manage in a prescribed manner on any site demarcated for that purpose in the Environmental Management Programme. No person may temporary or permanently deposits residue stockpile or residue deposit on any area or site other than on site indicated on the Environmental Management Plan or Environmental Management Programme.	**2**	The sludge form WWTW is handled as hazardous waste in line with NEM:WA.	
3.26.	The holder of EA must note that in terms of Section 20 of the National Environmental Management: Waste Act, 2008 (Act	**2**	An authorisation was granted before	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	No.59 of 2008), no person may commence, undertake or conduct a waste management activity, except, in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management licence is issued in respect of that activity if licence is required.		commencement of the activity.	
3.27.	An appeal under Section 43 (7) of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended) suspend an EA or Exemption or any provisions of conditions attached hereto, or any directive unless the Minister directs otherwise.	-	This EA condition has been noted by the EA holder.	
3.28.	Should you be notified by the Minister of a suspension of the authorisation pending appeal procedure, you may not commence with the Activity (ies) until such time that the Minister allows you to commence with such Activity (ies) in writing.	-	This EA condition has been noted by the EA holder.	
3.29.	The Department reserves the right to audit and/or inspect the activity (ies) without prior notification at any reasonable time and at such frequency as may be determined by the Regional Manager.	-	This EA condition has been noted by the EA holder.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
3.30.	The waste storage site must have a firm, impermeable, chemical resistant floor and a roof to prevent direct sunlight and rainwater from getting in contact with the waste.	**2**	Waste is stored in skips and wheelie bins.	
3.31.	The storage of Hydrocarbons must have bund walls with adequate capacity to contain the maximum volume that is stored in the area. Uncontaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site.	**2**	Hydrocarbons are stored in self-bunded tanks which are stored in bund walls.	
3.32.	Subject to the commencement and duration requirements of the MPRDA and NEMA for the listed mining activity is valid for the period for which the aforesaid Right is granted provided that this activity must commence within 10 years. If the commencement of the proposed activity does not occur within the specified period, the EA lapses and a new application for EA in terms of the NEMA and the EIA Regulations should be made for the activity to be undertaken.	**2**	The activity commenced within 10 years.	
3.33.	The listed activity (ies), including site preparation, must not commence within 20 (Twenty) calendar days of the date of the notification of the decision being sent to the registered I&APs. In the event that an appeal is lodged with the appeal administrator,	**2**	The activity did not commence within 20 days, the appeal period was allowed to run before commencement.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	the effect of this environmental authorisation is suspended until such time as the appeal is decided.			
3.34.	Should there be any conflicting conditions between this EA and other approval granted by other authorities; it is upon the holder of EA to bring it to the attention of the Department for resolution.	-	Noted. No conflicting conditions have been noted thus far.	
4.	**MANAGEMENT OF ACTIVITY (IES)**			
4.1.	A copy of the EA and the EMPr must be kept at the property or onsite office where the activity (ies) will be undertaken. The EA and EMPr must be produced to any authorised officials of the Department who request to see it and must be made available for inspection by any employee or agent of the holder of the EA who works or undertakes work at the property (ies).	**2**	The copies of the EA and the EMPr are kept at the mine.	
4.2.	The content of the EMPr and its objectives must be made known to all contractors, subcontractors, agent and any other people working on the site, and any updates or amendments to the EMPr must be submitted to the Department for approval.	**2**	The Environmental Team is conversant with the contents of the EMPR and they offer induction to anyone who works on or with approved activities as in when required.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.3.			The EA does not have 4.3.	
4.4.	Regular monitoring and maintenance of storm water drainage facilities must be conducted at all times, if damaged as directed by the Department or any other relevant authority.	**2**	Stormwater drainage channels are well-maintained, no blockages or clogging observed during the audit.	
4.5.	A buffer zone of 100 metres between the activity (ies) and the residential areas, cemeteries or burial grounds must be clearly demarcated and maintained.	**2**	Buffer zones were demarcated but there has been illegal encroachment of settlement towards the mine.	
4.6.	The holder of the EA must prevent nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards.	**2**	The EA Holder prevents nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards though their EMS, QMS and SMS.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.7.	The holder of the EA must ensure that all non-recyclable waste is disposed of at waste management facilities licenced to handle such waste and all recyclable waste are collected by licenced waste management facilities for recycling, reuse or treatment.	**2**	A registered service provider has been appointed to dispose of waste at a registered landfill site.	
4.8.	The holder of the EA must ensure that all liquid wastes, whose emissions to water or land could cause pollution are diverted to sewer, after testing water quality and receiving written approval from the relevant local authority.	**2**	Liquid waste which is not sewer is diverted to the pollution control dam.	
4.9.	Non-compliance with any condition of this EA or EMPr may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of Section 31L of NEMA.	**-**	Noted, no action required.	
4.10.	Only listed activities that are expressly specified in the EMPr that forms part of this EA may be conducted, and additional or new activities not specified herein must be applied for by the holder and authorised by the competent authority in the form of an amendment to the aforesaid EMPr before such activities may be commenced with. This condition is also applicable in the case of the amendment, addition, substitution, correction, and removal or updating of any detail in the aforesaid EMPr.	**2**	Only approved listed activities are being conducted.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
4.11.	Rehabilitation of the disturbed surface caused by operation at all times must comply with the approved EMPr.	**2**	The Mine has rehabilitation programme and it is being implemented.	
4.12.	The Holder of EA must ensure that the name and contact details of the ECO is made available to the Regional Manager within 30 days of commencement. The holder of EA must also ensure that an ECO is always available on site to ensure that activity (ies) at all times comply with the issued EA and EMPr.	**N/A**	Applicable for construction phase.	
4.13.	The ECO must:	**N/A**	Applicable for construction phase.	
4.13.1.	Keep and maintain a detailed incident register (including any spillages of fuels, chemicals or any other material.			
4.13.2.	Keep a complaint register on site indicating the complaint and how the issues were addressed, what measures were taken and what the preventative measures were implemented to avoid re-occurrence of complains.	**N/A**		
4.13.3.	Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.	**N/A**		
4.13.4.	Keep copies of all environmental reports submitted to the Department.	**N/A**		

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
4.13.5.	Keep the records of all permits, licences and authorisation required by the operations.	**N/A**	Applicable for construction phase.	
4.13.6	Compile a monthly monitoring reports and make it available to the Department if requested.	**N/A**		
4.14.	The duties and responsibility of the ECO should not be seen as exempting the holder of the EA from the legal obligations in terms of the NEMA.	**N/A**		
4.15.	The footprint of the activity (ies) must be limited on the areas authorised for the actual construction work and operational activities and all areas outside of the footprint must be regarded as a “no go” areas.	**2**	The footprint of Tharisa’s activities is limited on areas authorized for the operational activities and areas outside the footprint of Tharisa is regarded as a no-go area.	
4.16.	Erosion and soil loss must be prevented by minimizing the construction site exposed to surface water run-off. Where necessary erosion stabilizing action such as gabions or re-vegetation must be implemented to prevent further habitat deterioration.	**2**	No erosions or soil loss were observed on site during the site visit.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
4.17.	The holder of the EA must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situation so as to minimise the risk involved. Records of training and verification of competence must be kept by the Holder of the EA.	**2**	Tharisa conducts induction/training on hazardous waste to personnels who work with hazardous waste.	
4.18.	In order to prevent nuisance conditions, the holder of the EA must ensure that all storage skips and bins are not overfilled.	**2**	Waste storage skips and bins were observed not overfilled.	
5	**REPORTING TO THE DEPARTMENT**			
5.1.	The holder of the EA must:			
5.1.1.	Submit an Environmental Audit Report to this Department biennially and such report must be done by qualified Environmental Assessment Practitioner and the audit report must specify whether conditions of this environmental authorisation and EMPr/closure plan are adhered to;	**2**	Tharisa conducts environmental audits biennially to assess and monitor the compliance of the EA conditions.	
5.1.2.	Identify and assess any new impacts and risks as a result of undertaking the activities, if applicable	**N/A**	No risks have been identified.	
5.1.3.	Identify shortcomings in the EMPr/closure plan, if applicable.	**N/A**	The EMPR is deemed adequate.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
5.1.4.	Identify the need, if any for any changes to the management, avoidance and mitigation measures provided for in the EMPr/closure plan;	**N/A**	The EMPR is deemed adequate.	
5.1.5.	If applicable, specify that the corrective action/s taken for the previous audit's non-conformities, was adequate;	**N/A**	The EA complied with the conditions of EA.	
5.1.6.	Specify the name of the auditor and;	**2**	The auditor's names are provided in the reports.	
5.1.7.	Be submitted by the holder to the competent authority within 30 days from the date on which the auditor finalised the audit.	**2**	Reports are submitted within 30 days from date of finalization.	
5.2.	Should any shortcomings in terms of Regulation 34 (4) be identified, the holder must submit recommendation to amend the EMPr/closure plan in order to rectify any shortcomings identified with the aforementioned audit report.	**-**	Noted, no shortcomings have been identified.	
5.3.	Any complaint received from the interested & Affected Parties during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned interested and affected parties.	**-**	Noted, no complaints have been received.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
5.4.	The holder of the EA must annually assess the environmental Liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of NEMA.	**2**	Financial provision revised annually.	
5.5.	The holder of the EA must, within 24 hours of the incidents occurring, notify the Competent Authority of the occurrence or detection of any incident on the site, or incidental to the operation of the site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution.	**2**	Incidents are recorded and reported to the Department when they occur.	
5.6.	The holder of the EA must, within 14 days, or a shorter period of time, if specified by the Competent Authority from the occurrence or detection of any incident, referenced to in condition 5.5, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by top management, to the satisfaction of the Competent Authority of measures taken to –	**N/A**	No incident has been recorded during the reporting period.	
5.6.1.1.	Correct the impact resulting from the incident;	**N/A**		
5.6.1.2.	Prevent the incident from causing any further impact; and	**N/A**		

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE 1- PARTIAL COMPLIANCE 0—NON-COMPLIANCE N/A- NOT APPLICABLE				
5.6.1.3.	Prevent a recurrence of a similar incident.	**N/A**		
5.7.	In the event that measures have not been implemented within 21 days of the incident referred to in condition 5.6, or measures which have been implemented are inadequate, the Competent Authority may implement the necessary measures at the cost of the holder of the EA.	**N/A**	No incident has been recorded during the reporting period.	
6.	**SITE SECURITY AND ACCESS CONTROL**			
6.1.	The holder of the EA must ensure affective access control on the site to reasonably prevent unauthorised entry. Signs indicating the risks involved in unauthorised entry must be displayed at each entrance.	**2**	Tharisa has implemented access control on the site to prevent unauthorised entry.	
6.2.	Weather proof, durable and legible notices in at least three official languages applicable in the area must be displayed at each entrance to the site. These notices must prohibit unauthorised entry and state the hours of operations, the name, address and telephone number of the holder of the EA and the person responsible for the operation of the site.	**2**	Tharisa has erected weather proof, durable and legible notices in at least three official languages which are applicable in the area and were displayed at each entrance to the site.	
7.	**EMERGENCY PREPAREDNESS PLAN**			

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
7.1.	The holder of the EA must maintain and implement an emergency preparedness plan and review it biennially when conducting audit and after emergency and or major accident. The plan must, amongst others, include:	**2**	Tharisa has implemented an emergency preparedness plan which includes the site fire.	
7.1.1.	Site Fire	**2**	This is addressed in the emergency preparedness plan attached as APPENDIX 7: EMERGENCY RESPONSE PLAN.	
7.1.2.	Spillage	**2**		
7.1.3.	Natural disasters such as floods	**2**		
7.1.4	Industrial action	**2**		
7.1.5.	Contact details of police, ambulances and any emergency centre closer to the site.	**2**	Tharisa has implemented an emergency preparedness plan which conclude contact details of police, ambulances and any emergency centre closer to the site.	
7.2.	The holder of EA must ensure that an up-to-date emergency register is Kept during all phases of the operation. This register must be made available upon request by the department.	**2**	Tharisa mine keeps an up-to-date emergency register during all phases of the operation. This register is made available	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
			upon request by the department.	
8.	**INVESTIGATION**			
8.1.	If, in the opinion of the Competent Authority, nuisances or health risks may be or is occurring on the site, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem.	**-**	Noted, no opinion expressed by CA for the listed activities.	
8.2.	If, in the opinion of the Competent Authority, pollution may be or is occurring, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem, such investigation must include the monitoring of the water quality variables, at those monitoring points and such frequency as may be specified by the Competent Authority.	**-**	Noted, no opinion expressed by CA for the listed activities.	
8.3.	Investigation carried out in terms of condition 8.1 and 8.2 above must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Competent Authority.	**N/A**	No investigations have been carried out.	
8.4.	Should the investigation carried out as per condition 8.1 and 8.2 above reveal any unacceptable levels of pollution, the holder of	**N/A**	No investigations have been carried out.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	the EA must submit mitigation measures to the satisfaction of the Competent Authority.			
9.	**COMMISSIONING AND DECOMMISSIONING**			
9.1.	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.	**2**	Activities were commissioned as per the EMPR, no decommissioning is planned in the near future	
10.	**SITE CLOSURE**	**N/A**	The site is still operational.	
10.1.	The holder of EA must apply for a closure certificate in terms of Section 34 of Mineral and Petroleum Resource Development Act (Act 49 of 2008), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment, and completion of development.			
10.2.	The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 34 of Mineral and Petroleum Resource Development Act (Act 28 of 2002), as amended.			

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
10.3.	No exotic plants may be used for rehabilitation purposes only indigenous plant can be utilized for rehabilitation purpose.			
10.4.	The holder of EA remains responsible for any environmental liability, pollution or ecological degradation, the umping and treatment of extraneous water, compliance with the conditions of EA and the management and sustainable closure thereof until the minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resource Development Act (Act 28 of 2002). Where necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.			
11.	**NEMA PRINCIPLES**			
	The NEMA Principle (Set out in Section 2 of NEMA), which apply to the actions of all Organs of State, serve as guidelines by reference to which any Organ of State must exercise any function when taking any decision, and which must guide the interpretation, administration and implementation of any other law concerned with the protection or management of the environment), *inter alia*, provides for:	-	The EA condition has been noted by the EA holder.	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	➢ The effects of decision on all aspects of the environment to be taken into account; ➢ The consideration, assessment and evaluation of the social, economic and environmental impacts of activities (disadvantages and benefits), and for decisions to be appropriate in the light of such consideration and assessment; ➢ The co-ordination and harmonisation of policies, legislation and actions relating to the environment. ➢ The resolving of actual or potential conflicts of interest between Organs of State through conflict resolution procedures; and ➢ The selection of the best practicable environmental option.			
12.	**DISCLAIMER**			
	The Department of Mineral Resources in terms of the conditions of this environmental authorisation shall not be responsible for any damage or losses suffered by the holder, developer or his/her successor in an instance where construction or operation	-	Noted	

APPENDIX II: DEPARTMENT STANDARD CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2- COMPLIANCE	1- PARTIAL COMPLIANCE	0—NON-COMPLIANCE		N/A- NOT APPLICABLE
	subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document a legal action emanating from this decision.			

Appendix 2.10: Rectification of unlawful commencement with a listed activity contemplated in section 24G of NEMA. Reference Number (EA) NW30/5/1/2/3/2/1/358EM (10 August 2021) compliance audit checklist

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
8.1 Specific condition				
The following restriction and conditions are imposed on the development:				
8.1.1	An environmental manager/control officer must ensure that all conditions stipulated in this authorisation and mitigation measures contained in the submitted report (dated October 2020) are compiled with. Any alteration to the Impact Assessment Report is subjected to the approval by this Department.	**2**	The environmental team ensure compliance by conducting regular audits and inspections of the site. There were no alterations to the Impact Assessment Report during the audit period.	
8.1.2	The content of the approved Impact Assessment Report must be made known to personnel, contractors and sub-contractors association with this project. The holder must ensure that the contents of the Impact Assessment Reports is explained to and understood by, all personnel, contractors and sub-contractors association with this project.	**2**	The content of the authorisation is communicated to all personnel, contractors and sub-contractors during inductions.	
8.1.3	Mitigation measures and recommendations in this authorisation as well as the Impact Assessment Report are legal binding component of the entire activity and they are legally enforceable.	**2**	Compliance monitoring and inspections are conducted by the environmental team regularly.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
8.1.4	An integrated waste management approach that is based on best practices which incorporate avoidance, reduction, recycling, treatment, reuse, and disposal where appropriate must be used. Any solid waste must be disposed of at a landfill site, licensed in terms provision of the National Environmental Management Waste Act, 2008 (Act No. 56 of 2008).	**2**	A waste management programme has been developed based on best practices. Kabosha is appointed for disposal of general waste and Enviroserv is appointed for disposal of hazardous waste.	
8.1.5	All conditions determined and/or to be determined by the Department of Human Settlement, Water and Sanitation regarding stormwater runoff must be adhered to.	**2**	Comments were incorporated in the EMPR for implementation.	
8.1.6	The holder this authorisation must as soon as reasonable possible attend to any compliant received from the public during the operation of this project. A complaints register must be kept up to date and must be forwarded to this Department if so requested.	**2**	An updated complaints register is kept.	
8.2 Standard conditions				
8.2.1	The authorisation is granted only in terms of section 24G (2) (b)of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) and does not	**-**	Noted	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
	exempt the holder thereof from compliance with any other legislations.			
8.2.2	The holder of this authorisation must annually assess the environmental liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of the National Environmental Management Act, 1998 (Act No. 107 of 1998).	**2**	Financial guarantee of execution of EMPR dated 2023/02/14 from Centriq insurance was provided. A closure liability calculation for the additional waste rock storage was conducted in October 2022.	
8.2.3	This authorisation refers only to the activity as specified and described above. Any other activity listed under section 24 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) and which is not specified above, is not covered by this authorisation, and must therefore comply with the requirement of the National Environmental Management Act, 1998 and the regulations promulgated in terms of this law.	-	Noted.	
8.2.4	The conditions of this authorisation must be brought to the attention of all persons (employees, sub-contractors, contractors, etc) associated with the undertaking of this activity. The holder must also take necessary measures to	**2**	The conditions of the authorisations were communicated to all personnel. Proof of inspections was provided.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
	bind such persons to these conditions. The holder must carry out regular environmental audits to establish compliance with the conditions of this authorisation.			
8.2.5	The holder must notify this Department in writing, within 24 hours, if any condition of this authorisation is not complied with.	**2**	Non-compliances are communicated with the Department.	
8.2.6	Any Changes to, or deviation from the project description set out in this authorisation must be approved in writing by this Department before such changes or deviation may be done. In assessing whether to grant such approval or not, the Department may request such information as is deems necessary to evaluate the significance and impacts of such changes or deviation and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the section 24 of the National Environmental Management Act, 1998 and its associated regulations.	**-**	There were no deviations or changes at the time if the audit.	
8.2.7	Where any of the contact details changes including name of the responsible person, physical or postal address/or telephonic details, the holder of the authorisation must notify the Department as soon as the new details becomes known to the holder.	**N/A**	Contact details have not changed.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
8.2.8	The holder of this authorisation must ensure that all areas where the authorised activities occur have controlled access to ensure safety of people and animals.	**2**	Strict access control measures are in place throughout the mine to control access and ensure safety of people and animals.	
8.2.9	The holder of this authorisation must in writing, within 14 (fourteen) calendar days from the date of this decision and in accordance with regulation 4(2) of the EIA Regulations, 2014 must notify all registered I&APs of -	N/A	Appeal period has lapsed.	
8.2.9.1	The outcome of the application.			
8.2.9.2	The date of the decision.			
8.2.9.3	The date of issue of the decision.			
8.2.10	Draw the attention of all registered I&APs to the fact to that an appeal may be lodged against the decision in terms of the National Appeals Regulations.			
8.2.11	Draw the attention of all registered I&APs to the manner in which they may access the decision.			
8.2.12	The Department may add, change and/or amend any of the condition in this authorisation if in the opinion of the department, the addition, change or amendment is environmentally justified.	**-**	Noted	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
9. Commencement of activities				
9.1	Appropriate notification sign must be erected at the facility warning the public (residents, visitors etc.) about the hazard around the facility and presence of heavy vehicles and machinery.	**2**	Appropriate signs warning the public, visitors and personnel are erected all around and within the mine of the hazards around the facility and the use of heavy vehicles.	
9.2	In terms of sections 28 and 30 of NEMA, and sections 19 and 20 of the National Water Act, 1998 (Act No. 36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the authorisation reads through and understand the legislative requirements pertaining to the project. It is holder's responsibility to take reasonable measures which include informing and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.	**2**	The Environmental awareness training and monthly environmental topics are shared with all personnel. Additional information is shared during inductions.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
9.3	Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.	**2**	Chemical and waster dust suppression is conducted regularly to control airborne dust.	
9.4	Should any hydraulic fluid or chemicals spills occur it should be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorised disposal site permitted of such waste. The regional office of the Department of Human Settlement, Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and underground water resources.	**2**	No hydrocarbon spills with the potential to pollute water resources were noted within the audit period. Spill kits are available throughout the site. Tharisa Mine's waste management procedure outlines how spills must be handled. Enviroserv is appointed to dispose of chemical waste such as contaminated soils.	
9.5	The Department reserves the right to audit and/or inspect activities without prior notification at any reasonable time and at such frequency as may be determined by the Minister or Regional Manager or any other authorised officials.	**-**	Noted. No inspections from the Department have occurred within the audit period.	
9.6	Should there be conflicting conditions between this environmental authorisation, and other approval granted by other competent authorities, it is upon the holder this	**-**	Noted	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
	authorisation to bring it to the attention of the Department for resolution.			
10. Management of activities				
10.1	A copy of this Impact Assessment Report must be kept at the property or site where the activities are located. The Impact Assessment Report must be produced to any authorised 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 Environmental Authorisation who works or undertakes work at the property.	**2**	The Impact Assessment Report is readily available upon request.	
10.2	The holder of the environmental authorisation must prevent nuisance conditions, health hazards and the potential creation of nuisance conditions or health hazards.	**2**	Regular audits are conducted to limit nuisance conditions, health hazards and the potential creation of nuisance conditions or health hazards. Proof of submission of the reports to the Department was provided.	
10.3	The holder of the environmental authorisation must ensure that all non-recyclable waste is disposed of at waste management facilities licensed to handle such wastes and	**2**	Kabosha is appointed to disposal of all general waste at an appropriate licensed facility.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
	all recyclable waste are collected by licensed waste management facilities for recycling, reuse or treatment.		Enviroserv is appointed to dispose of all hazardous waste at an appropriate licensed facility.	
10.4	Non-compliance with any condition of this environmental authorisation may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of section 31L of NEMA.	**-**	Noted. There has been no section 28 directive nor was there a compliance notice in terms of section 31L of NEMA that was issued within the audit period.	
10.5	Rehabilitation of the disturbed surface caused by operation at all times must comply with the approved Impact Assessment Report.	**2**	The disturbed surfaces are rehabilitated and maintained progressively.	
10.6	The holder of Environmental Authorisation must ensure that the name and contact details of the ECO is made available to the Regional Manager within 30 days of commencement. The holder of the environmental authorisation must also ensure that an ECO is always available on site to ensure that activities at all times comply with the issued environmental authorisation and approved Impact Assessment Report.	**N/A**	The project is no longer in the construction phase.	
10.7	The ECO must:	**N/A**		

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
10.7.1	Keep and maintain a detailed incidents register (including any spillages of fuels, chemicals or any other material.	**N/A**	The project is no longer in the construction phase.	
10.7.2	Keep a complaint register on site indicating the complaint and how the issues were addressed, what measures were taken and what the preventative measures were implemented to avoid re-occurrence of complaints.	**N/A**		
10.7.3	Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.	**N/A**		
10.7.4	Keep copies of all environmental reports submitted to the Department.	**N/A**		
10.7.5	Keep the records of all permits, licences and authorisations required by the operation.	**N/A**		
10.7.6	Compile a monthly monitoring report and make it available to the Department if requested.	**N/A**		
10.8	The duties and responsibility of the ECO should not be seen as exempting the holder of the environmental authorisation from the legal obligations in terms of the NEMA: EIA Regulations 2014.	-	Noted	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
10.9	The holder of this authorisation must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situations to minimise the risk involved. Records of training and verification of competence must be kept by the holder of the environmental authorisation.	**2**	Inductions are carried out to train personnel. Training certificates were provided.	
10.10	To prevent nuisance conditions, the holder of this authorisation must ensure that all storage skips and bins are not overfilled.	**2**	Storage skips and bins were not overfilled at the time of the audit.	
11. Emergency preparedness plan				
11.1	The holder of the EA must maintain and implement an emergency preparedness plan and review it biennially when conducting audit and after emergency and or major accident. The plan must, amongst others, include:	**2**	Tharisa Mine has an emergency preparedness and response plan. See APPENDIX 7: EMERGENCY RESPONSE PLAN.	
11.1.1	Site Fire	**2**	This is addressed in the emergency preparedness and response plan.	
11.1.2	Spillage	**2**	This is addressed in the emergency preparedness and response plan.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
11.1.3	Natural disasters such as floods	**2**	This is addressed in the emergency preparedness and response plan.	
11.1.4	Industrial action	**2**	This is addressed in the emergency preparedness and response plan.	
11.1.5	Contact details of police, ambulances and any emergency centre closer to the site.	**2**	This is addressed in the emergency preparedness and response plan.	
11.2	The holder of authorisation must ensure that an up-to-date emergency register is kept during all phases of the operation. This register must be made available upon request by the department.	**2**	An up-to-date incident register is kept. The register was made available during the audit.	
12. Investigations				
12.1	If, in the opinion of the Competent Authority, nuisances or health risks may be or is occurring on the site, the holder of this authorisation must initiate an investigation into the cause of the problem or suspected problem.	-	Noted. The Competent Authority has not identified any nuisances or health risks within the auditing period.	
12.2	If, in the opinion of the Competent Authority, pollution may be or is occurring, the holder of this authorisation must	-	Noted. The Competent Authority has not identified any potential	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
	initiate an investigation into the cause of the problem or suspected problem, such investigation must include the monitoring of the water quality variables, at those monitoring points and such frequency as may be specified by the Competent Authority.		pollution incidents within the auditing period.	
12.3	Investigation carried out in terms of condition 12.1 and 12.2 above must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Competent Authority.	**N/A**	No incidents were recorded during the reporting period.	
12.4	Should the investigation carried out as per condition 12.1 and 12.2 above reveal any unacceptable levels of pollution, the holder of this authorisation must submit mitigation measures to the satisfaction of the Competent Authority.	**N/A**	No incidents were recorded during the reporting period.	
13. Site closure				
13.1	The holder of this authorisation must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resource Development Act (Act 28 of 2002), as amended within 180 days of occurrence of lapsing, abandonment,	**N/A**	The facilities are still operational.	

ENVIRONMENTAL AUTHORISATION CONDITIONS				
No.	**LICENCE CONDITION**	**COMPLIANCE STATUS**	**COMMENTS**	**RECOMMENDED ACTION**
2 - COMPLIANCE	1 - PARTIAL COMPLIANCE	0 - NON-COMPLIANCE		N/A - NOT APPLICABLE
	cancellation, cessation, relinquishment, and completion of development.			
13.2	The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 43 of Mineral and Petroleum Resource Development Act, 2002 (Act 28 of 2002), as amended.	**N/A**	The facilities are still operational.	
13.3	The holder of this authorisation remains responsible for any environmental liability, pollution or ecological degradation, compliance with the conditions of environmental authorisation and the management and sustainable closure thereof until the Minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resource Development Act (Act 28 of 2002) as amended. Where necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.	**2**	Proof of financial guarantee for execution of EMPr dated 2023/02/14 was provided.	
13.4	No exotic plants may be used for rehabilitation purposes, only indigenous plant can be utilized for rehabilitation purpose.	**2**	No exotic plants were used for rehabilitation purposes.	

APPENDIX 3: PHOTOGRAPHIC EVIDENCE

Figure 3 Diesel storage facility

Figure 4 Firefighting equipment with clear sign

Figure 5 Water diversion channel

Figure 6 Wheelie bin for general waste

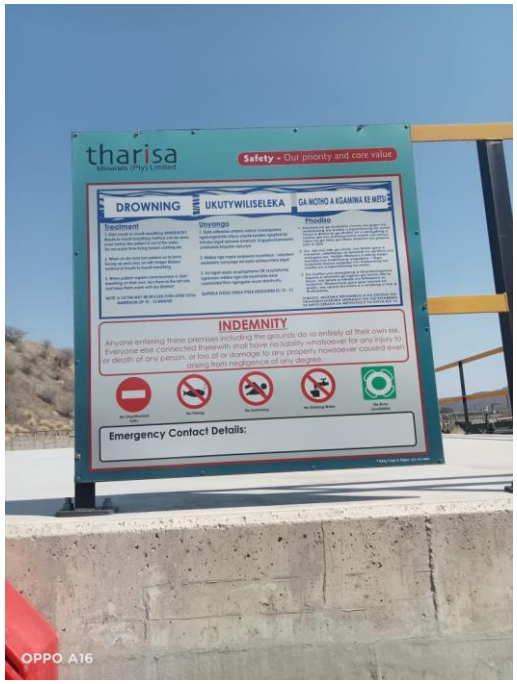

Figure 7 Clear signage displayed in three different languages

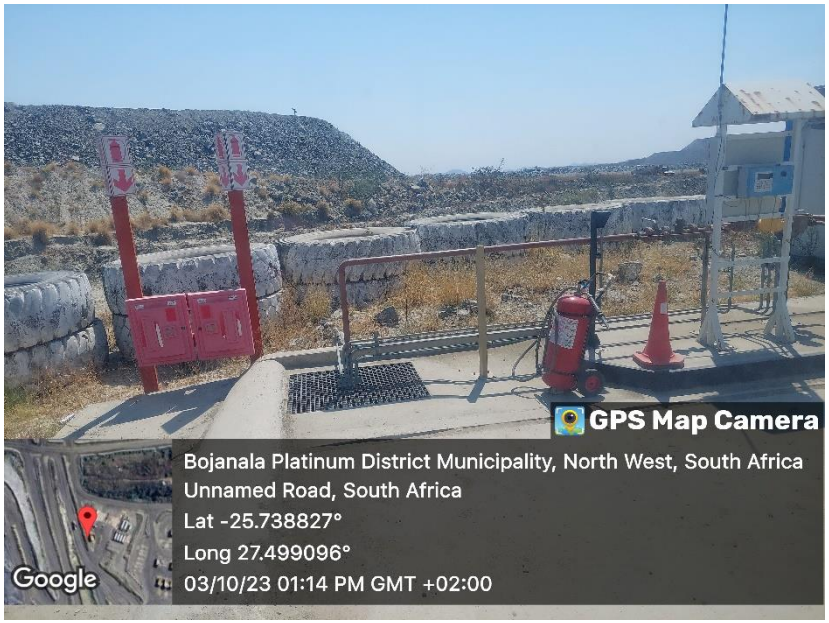

Figure 8 Bund wall and firefighting equipment within diesel storage facility

Figure 9 Water tanker for dust suppression

Figure 10 Rehabilitated tailings facility

APPENDIX 4: SURVEYED PLAN - 2023

APPENDIX 5: PROOF OF SUBMISSIONS

APPENDIX 6: FINANCIAL PROVISION

APPENDIX 7: EMERGENCY RESPONSE PLAN

APPENDIX 8: ENVIRONMENTAL AUTHORISATION COMPLIANCE AUDIT 2022

APPENDIX 9: EMPR PERFORMANCE AUDIT REPORT 2022