

ALIWAL QUARRY
ERF 2928 (A PORTION OF ERF 1) AND PART OF PORTION 5 OF
THE FARM MELKSPRUIT NO 12, ALIWAL NORTH,
EASTERN CAPE PROVINCE

ENVIRONMENTAL PERFORMANCE ASSESSMENT /
ENVIRONMENTAL AUDIT REPORT

DMR REFERENCE NUMBER:	EC 30/5/1/2/2/215 MR & EC0017MR/102
AUDIT PERIOD:	May 2025 – May 2026

PREPARED FOR:

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PREPARED BY:

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1. PROJECT SPECIFIC DETAIL

ITEM	MINING RIGHT HOLDER
Company Name	Aliwal Dolerite Quarries (Pty) Ltd
Contact Person	Mr Edmund Vorster
Tel Number	051 633 3346
Cell Number	079 897 7697
E-mail Address	Edmund.v@raumix.co.za
Postal Address	P.O. Box 314 Aliwal North 9750
ITEM	CONSULTANT DETAIL
Company Name	Greenmined Environmental (Pty) Ltd
Contact Person	Ms. Christine Fouché
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Cell Number	082 811 8514
E-mail Address	christine.f@greenmined.co.za
Postal Address	Postnet Suite 62 Private Bag x15 Somerset West 7129
ITEM	LOCATION AND AREA INFORMATION
Site Name	Aliwal Quarry
Property Description	Erf 2928 (Portion of Erf 1) & Part of Portion 5 of the farm Melkspruit No 12
Location	The Aliwal Dolerite Quarry is located 3 km to the south-west of Aliwal North and the N6 National Road on a portion of Erf 2928.
Size of Mining Area	62.299 ha (since approval of the 6.7824 ha S102 amendment).



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

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**ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT
REPORT – ALIWAL QUARRY**

2. ENVIRONMENTAL AUDIT REPORT

PROJECT DETAIL

Right Number:	EC 30/5/1/2/2/215 MR	Date of commencement:	June 2010
Site name:	Aliwal Quarry	Inspection date:	12 May 2026
Right Holder:	Aliwal Dolerite Quarries (Pty) Ltd	Other authorisations:	Water Use Authorization No: 23086105 & 27/2/1/D114/48
Report number:	04		

DETAIL OF AUDITOR

(APPENDIX 7 SUB-REGULATION 3(A) & (B)):

ECO:	Christine Fouché
Expertise:	Ms Fouche has a Diploma in Nature Conservation and a BSc in Botany and Zoology with twenty-one years experience in environmental impact assessments and compliance monitoring in South Africa. Ms Fouché is a registered Environmental Assessment Practitioner (registration no: 2019/1003) with EAPASA (Environmental Assessment Practitioners Association of South Africa).
Declaration of independence:	<p>I, Christine Fouchée, in my capacity as environmental control officer declare that–</p> <ul style="list-style-type: none"> • I act as independent environmental control officer in this compliance audit; • I will perform the work relating to the audit in an objective manner, even if the results and findings are not favourable to the holder of the authorisation; • I have expertise in conducting environmental compliance audits, including knowledge of the Act and regulations that have relevance to the activity; • I will adhere to and comply with all responsibilities as indicated in the National Environmental Management Act and Environmental Impact Assessment Regulations. • I do not have and will not have any vested interest in the activity other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014 (as amended). <p align="right"> <i>Christine Fouché</i> </p> <p align="right">Date: 01 June 2026</p>

SCOPE & PURPOSE OF ENVIRONMENTAL AUDIT

(APPENDIX 7 SUB-REGULATION 3(C)):

This environmental audit report was compiled in terms of the requirements of the NEMA EIA Regulations, 2014 (as amended). The EAR focussed on Part 11 Environmental Management and Monitoring of the 2011 EMPR. The conditions of the Environmental Authorisation and EMPR (3.13 Proposed Impact Management Objectives and the Impact Management Outcomes for inclusion in the EMPR) associated with the Section 102 amendment application to extend the mining footprint of the Quarry were also incorporated into this report.

OBJECTIVE:

The objective of the environmental audit report (EAR) is to evaluate compliance of the operational activities with the 2011 Environmental Management Programme Report (EMPR), Section 102 Environmental Authorisation (2019), and the 2018 Section 102 EMPR as approved by the Department of Mineral and Petroleum Resources. To evaluate the effectiveness of the EMPR's, identify shortcomings, and discern the need for changes to the environmental management programmes.

INSPECTED AREAS:

The inspection included an assessment of the following areas:

- Offices and storage areas;
- Workshop and wash bay;
- Wash plant and settling ponds;
- Crusher plants and stockpile areas;
- Salvage yard;
- Quarry Pit;
- Overburden dumps;
- Diesel depot;
- Stockpile areas;
- Weigh bridge and parking area.

To establish the environmental compliance assessment of the operation, the mining site was inspected on foot by the Environmental Control Officer, Ms Christine Fouché, from Greenmined Environmental accompanied by management and representatives of Aliwal Quarry.

ASSUMPTIONS, UNCERTAINTIES OR GAPS IN KNOWLEDGE

(APPENDIX 7 SUB-REGULATION 3(F)):

The assumptions made in this document, stem from specific information gathered during the site audit and background information provided by site management. The findings of the previous environmental performance assessment (2025) were also considered. This audit did not consider health and safety aspects, was not intended as a legal assessment, nor was the aspects of the Social and Labour Plan and/or Mine Works Programme reviewed.

LOCATION

<p>Site location:</p>	<p>The Aliwal Quarry is located 3 km to the south-west of Aliwal North and the N6 National Road on a portion of Erf 2928.</p>																																																																																					
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ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

(6.7824 ha)	V	+30 131.91	+3 399 684.25
	W	+30 247.08	+3 399 717.62

PROJECT DESCRIPTION

The Aliwal Quarry is an open cast mine that has been in existence since 1976. The solid dolerite is mined using conventional drilling, blasting, and bench-mining methods, with loosened material loaded to haul trucks and transported to the processing plant situated to the east of the mining area. The material goes through several crushers and screens to produce different sized aggregates and sand for the ready-mix, construction and road building industry. Facilities exist for washing products when required.

The DMPR approved a Section 102 amendment application in terms of the MPRDA, 2002 (as amended) to expand the mining footprint in December 2022. The said approval increased the mining footprint with 6.7824 ha to a total of 62.299 ha.

SITE CONDITIONS

Cold, cloudy windless day with dry soil conditions.

REPORTABLE ENVIRONMENTAL INCIDENTS

Incident date:	The quarry has an online system where all accidents and incidents are logged. No major incidents occurred during the audit period that had to be reported to the DMPR.
Incident no:	
Incident:	
How addressed:	
When addressed:	

ADOPTED METHODOLOGY *(APPENDIX 7 SUB-REGULATION 3(D)):*

COMPLIANCE SCORE	DESCRIPTION
1	Task not achieved
2	Task 20% achieved
3	Task 50% achieved
4	Task 80% achieved
5	Task 100% achieved in accordance with the EMP

NON-COMPLIANCE SCORE	DESCRIPTION
1	LOW – Mitigation not needed / mitigation measures to be maintained
2	MEDIUM – Mitigation should be considered
3	HIGH – Mitigation compulsory

INSPECTION ASPECTS

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
LEGISLATION COMPLIANCE				
National Environmental Management Act, 1998 (Act No 107 of 1998) and the Environmental Impact Assessment Regulations, 2014 (as amended)	5	-	Compliant	<ul style="list-style-type: none"> The competent authority deems the approved 2011 EMPR and MR of the quarry compatible with an Environmental Authorisation in terms of NEMA, 1998 and the EIA Regulations, 2014 (as amended). Also refer to <i>General Report</i> below. The Environmental Authorisation (EA) regarding the Section 102 amendment of the mining right was approved in 2019 and a copy of the authorisation is available on site.
Copy of the EA available on site	5	-	Compliant	
Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002)	5	-	Compliant	-
Mining right available on site	5	-	Compliant	-
Mine plan annually reviewed	5	-	Compliant	The mine plan was reviewed in February 2026, and a copy is available on site.
National Environmental Management: Air Quality Act, 2004 (Act No 39 of 2004)	5	-	Compliant	Although the activities at the mine does not require an air emissions licence, the requirements of the NEM:AQA are considered on site.
National Environmental Management: Waste Act, 2008 (Act No 59 of 2008)	5	-	Compliant	The waste of the quarry is managed in accordance with the requirements of the NEM:WA.
National Water Act, 1998 (Act 36 of 1998)	5	-	Compliant	The Quarry has an approved Water Use Authorisation that allows for the abstraction of water from boreholes and the quarry pit for industrial use, the use of wastewater (dust suppression), and a contaminated stormwater storage facility. Water monitoring is also implemented at the site.
Copy of Water Use Authorisation available on site.	5	-		-
National Environmental Management: Biodiversity Act, 2004 (Act No 10 of 2004) (NEM:BA)	4	3	Ongoing	Aliwal Quarry has an Alien Invasive Species Management Plan as well as an Alien Invasive Management Action



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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
				Plan. The 2025 action plan divides the mining area into 10 sections that are progressively cleaned. See <i>General Report</i> .
MINE PLANNING (2011 EMPR PG 11.2)				
Long-term mine plans generated and maintained that consider final closure requirements.	5	-	Compliant	The final closure requirements form part of the Rehabilitation, Decommissioning, and Mine Closure Plan that is annually reviewed.
Short-term mine plan (annual) in place that are aligned to achieve long-term mine plan.	5	-	Compliant	The blasting plan shows the short term planning of the quarry.
Mining coordinated in accordance with short-term mine plan.	5	-	Compliant	-
Short term mine plan showing at least the following: <ul style="list-style-type: none"> • Boundary and 9 m boundary pillar, • Disturbed area subjected to current mining, • Indicated future mining areas, • Topsoil stockpiles, • Overburden dumps, • Storm water control structures. 	4	3	To be implemented	The 2026 Mine Plan shows the 9 m boundary pillar and the overburden stockpiles (aka waste rock dump). The topsoil stockpiles are not indicated on the plan, nor does the plan show the stormwater control structures. However, the Quarry has a separate plan (Water Diagram) that shows the stormwater control structures. It is suggested that this condition is amended when the EMPR is reviewed.
Agenda of quarry planning meetings include environmental issues as prescribed in the EMPR (topsoil, overburden, visual, dust, noise, monitoring, storm water, closure requirements, complaints).	5	-	Compliant	Environmental matters are discussed during the quarry planning meeting.
STRIPPING OF VEGETATION AND TOPSOIL (2011 EMPR PG 11.3)				
Reduce area of impact by only striping areas demarcated for mining.	5	-	Compliant	-
Unnecessary stripping of vegetation along the ridge avoided	5	-	Compliant	-
Vegetation and topsoil stripping only 20 m ahead of working face, or 3 months prior to mining.	N/A	-	-	This condition is no longer deemed applicable as the S102 application was approved and the quarry face now extends into an approved area with a separate EMPR. It is



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
				suggested that this condition be removed when the EMPR is reviewed.
Concurrent rehabilitation implemented.	5	-	Compliant	Site management continues with the installation of the bridge that will connect the western side of the pit with the eastern side. The bridge contributes towards the rehabilitation of the previously mined areas. Additionally, oversize and unwanted material are used to refill the sump/dam of Pit 1.
Employees educated on poaching and snares	5	-	Compliant	Toolbox talks address this matter.
Security inspecting the mining area weekly and removing snares.	5	-	Compliant	According to site management, no snares have been found during the audit period.
Fauna sightings book maintained	1	3	To be implemented	The fauna sightings book must be implemented on site.
Top 50 cm of material treated as topsoil, and below as overburden. Topsoil and overburden stripped separately.	N/A	-	-	No topsoil was stripped nor was new areas disturbed in the original mining area during the audit period.
Topsoil and overburden stripped separately.	N/A	-	-	
No soil stripped when windy/wet (if practical).	N/A	-	-	
Topsoil and overburden stockpiled separately.	5	-	Compliant	-
Topsoil/overburden stockpiles not stored in future mining area or area where it will be compacted by vehicles	5	-	Compliant	-
Topsoil storage (heaps not exceeding 3 m)	5	-	Compliant	-
Topsoil and overburden stockpiles clearly labelled	5	-	Compliant	-
Soil stockpiles protected from compaction by vehicles and storm water run-off.	5	-	Compliant	-
Stockpiles indicated on all mine plans.	4	3	To be addressed	The topsoil heaps must be indicated on the mine plan.
Stockpiles monitored for correct use, erosion, alien vegetation, foreign matter. Corrections implemented when necessary.	5	-	Compliant	-

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Erosion identified and addressed.	5	-	Compliant	Erosion is addressed when identified.
Alien vegetation removed by hand pull methods.	5	-	Compliant	-
Foreign matter removed and disposed in accordance with the waste management plan.	5	-	Compliant	-
STRIPPING AND STOCKPILING OF OVERBURDEN (2011 EMPR PG 11.4)				
Overburden handled separately to topsoil.	5	-	Compliant	-
Overburden used for concurrent rehabilitation under topsoil.	5	-	Compliant	Overburden and oversize rocks are used to construct the bridge in the quarry and refill the sump/dam of Pit 1.
Overburden dumps located outside future mining areas, or areas prone to excessive surface water runoff. Stormwater control implemented and dumps captured on mine plans.	5	-	Compliant	-
Overburden dumping planned so the exterior of the dump is only undertaken between 08:00 and 18:00 during weekdays.	5	-	Compliant	-
Earthmoving equipment kept in good working order.	5	-	Compliant	This appeared true during the audit.
Structures/measures/filters in place to filter “dirty” water from overburden dumps.	5	-	Compliant	-
Overburden dumps monitored (stormwater, revegetation, alien vegetation, erosion). Inadequacies rectified.	4	3	Ongoing	The remaining alien invader plants must be removed from the overburden dumps.
Overburden dump restricted to a max of 20 m	5	-	Compliant	-
DRILLING BLASTING AND SECONDARY BREAKING (2011 EMPR PG 11.5)				
Drilling and blasting undertaken in compliance with the short-term mine plans.	5	-	Compliant	-
Blasting conducted by a certified blaster i.t.o the Blasting Procedure.	5	-	Compliant	B&E International (Pty) Ltd is the responsible blasters of the quarry.
Blast monitoring implemented.	5	-	Compliant	-
Concerns regarding blasting addressed.	N/A	-	-	No blasting concerns were received during the audit period.
Explosive magazine permit on-site and requirements implemented.	N/A	-	-	The magazine was removed from site.



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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Drill rigs fitted with dust suppression / extraction equipment and maintained according to a schedule.	5	-	Compliant	-
Blasting postponed when windy.	N/A	-	-	No blasts had to be postponed during the audit period.
Secondary breaking taking place in the quarry.	5	-	Compliant	-
Drilling and secondary breaking undertaken during normal operational hours and within the quarry.	5	-	Compliant	-
Blasting conducted between 12:00 and 16:00	5	-	Compliant	-
Water monitoring conducted on water in the quarry sump for levels of nitrate	5	-	Compliant	The April 2026 water results showed that the nitrate levels of the water in the quarry sump complied with the applicable wastewater discharge limits of the National Water Act, 1998.
LOADING AND HAULING (2011 EMPR PG 11.7)				
Vehicle and earth moving equipment checks undertaken prior to a shift.	5	-	Compliant	Proof of pre-start registers are available on site.
Dust resulting from vehicle entrainment on all haul roads suppressed.	5	-	Compliant	Water sprayers are used to control dust on the road ways and the weigh bridge.
Loading and hauling of blasted material to the primary crusher restricted to normal work hours.	5	-	Compliant	-
Earthmoving equipment kept in good working and if possible, fitted with noise abatement technology.	5	-	Compliant	-
CONCURRENT REHABILITATION (2011 EMPR PG 11.7)				
Concurrent rehabilitation implemented.	5	-	Compliant	-
Annual concurrent rehabilitation guideline developed and reported on.	5	-	Compliant	The Annual Rehabilitation Plan forms part of the Financial Provision Report that is annually reviewed.
Priority given to external perimeter of the mining area when concurrent rehabilitation is implemented.	N/A	-	-	Not applicable as the quarry pit is being extended in a westerly direction following approval of the Section 102 application. It is suggested that this condition be removed when the EMPR is reviewed.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
At least 10 indigenous trees planted a year.	1	3	To be implemented	-
Local horticulturalist/nursery used to supply seeds/plants.	N/A	-	-	Not applicable as no areas were rehabilitated where plants needed to be established.
Indigenous species used.	N/A	-	-	
Fast growing evergreen trees used.	N/A	-	-	
Concurrent rehabilitated areas monitored, and corrective actions implemented when needed.	N/A	-	-	
Alien vegetation control plan (AVCP) implemented on site.	5	-	Ongoing	The AVCP was reviewed, and the Action Plan was updated. The plan was implemented on site during the audit period.
AVCP reviewed and if necessary updated annually	5	-	Compliant	
Continued existence of beneficial alien vegetation legalised through the DWS.	N/A	-	-	It was established that the <i>Eucalyptus</i> trees at the mine is of the <i>Eucalyptus citriodora</i> species (Blue spotted gum / Lemon eucalyptus) that is not listed as an invader plant species in South Africa. It is suggested that this condition be removed when the EMPR is reviewed.
Inspection programme for all buildings implemented (maintenance, redundancy)	5	-	Compliant	-
Open pits progressively backfilled and made safe (such as the old sandstone pit)	4	1	Ongoing	The sandstone pit was refilled, and site management is in the process of rehabilitating mined areas at the quarry pit. However, the quarry pit will never be completely backfilled, and the amendment of this condition must be considered when the EMPR is reviewed.
CRUSHING, SCREENING, WASHING AND STOCKPILING (2011 EMPR PG 11.10)				
Plant kept in good working order through scheduled maintenance.	5	-	Compliant	-
Build-up of fines reduced around the plants.	5	-	Compliant	The plant is cleaned daily.
Enclosures at the existing crushers/screens maintained.	5	-	Compliant	-
Exposed transfer points fitted with dust suppression systems and working effectively.	5	-	Compliant	The plant is fitted with water sprayers.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Drop height from crushing plants onto the plant stockpiles reduced by maintaining a stockpile	5	-	Compliant	-
Vehicles speed restricted to 20 km/h and roads watered around the plant.	5	-	Compliant	-
Dust management measures monitored.	5	-	Compliant	-
Pre-shift inspection of the plant implemented to identify potential oil leaks.	5	-	Compliant	Pre-start registers are available on site.
DISPATCH (2011 EMPR PG 11.11)				
Dust suppression implemented	5	-	Compliant	-
Sales and dispatch during normal operational hours.	5	-	Compliant	-
Vehicles not leaking oil/fuel.	5	-	Compliant	On the day of the audit, no spills were noted at the dispatch area.
No excessive exhaust emissions.	5	-	Compliant	-
Bucket of the vehicle suitable for the products being collected.	5	-	Compliant	-
Unroadworthy vehicles reported to the owner and entry to the mine prevented.	5	-	Compliant	The site has a system where the roadworthiness of all vehicles that enter is checked.
Vehicle parking area clear of oil/hydrocarbon spills.	5	-	Compliant	The parking area was clear of spills.
Overloading prevented.	5	-	Compliant	All trucks leaving the site must pass over the weighbridge and no overloading is allowed.
Use of tarpaulins on haulage vehicles requested and encouraged by mine	5	-	Compliant	Although this is not implemented by the clients, the quarry does encourage the use of covers on the trucks.
Potholes reported to the relevant traffic department	N/A	-	-	-
WATER SUPPLY AND USE (2011 EMPR PG 11.12)				
All water uses licenced by DWS and a copy available on site.	5	-	Compliant	-
Operation in accordance with the WUL conditions and audited every 2 years.	5	-	Compliant	According to site management, the water uses of the site is in accordance with the WUL conditions.
Changes in water uses affecting the current authorisation.	N/A	-	-	Not application as the water uses of the Quarry did not change during the audit period.



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Monthly water balance diagram maintained.	4	3	To be implemented	Records of monthly water consumption and rainfall are maintained; however, a formal monthly water balance diagram, as required by the EMPr, has not been compiled. Sufficient information is available to develop a water balance, but the information has not yet been consolidated into the prescribed document.
Biannual water management inspections conducted of all areas stipulated in the EMPr and rectifications implemented.	5	-	-	-
Potable water obtained from the boreholes and available on site for use of workers	N/A	-	-	Potable water is no longer obtained from the borehole but bought from a supplier.
Monthly water consumption monitoring implemented and used to update the water balance diagram.	4	3	To be implemented	The monthly water consumption of the mine is captured in the ESG spreadsheet however, this information must be used to update the water balance diagram.
Taps, water pipelines and pumps inspected for leaks (weekly)	5	-	Compliant	-
Water captured in the quarry used for process water.	5	-	Compliant	-
Process water recycled (settling dam).	5	-	Compliant	-
Freeboard level (0.8m) indicated on the settlement dam and training sessions done to prevent exceedance.	1	3	To be implemented	The freeboard level must be indicated at the settlement dams.
Training sessions conducted to prevent exceedance of the freeboard level.	1	3	To be implemented	To be implemented when the dams are in use again.
Regular maintenance of the settlement dam side wall carried out to detect erosion/leakages.	5	-	Compliant	Maintenance was carried out on the settlement dams during the audit period.
“Clean” water separated from “dirty” water and directed around the site	5	-	Compliant	-
Uncontrolled discharge of “dirty water” from mining site prevented.	5	-	Compliant	-
Stormwater control structures evaluated biannually.	5	-	Compliant	-



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Regular maintenance of berms/trenches carried out to keep clean and dirty water separate.	5	-	Compliant	-
Responsible person appointed to monitor the level and integrity of septic tanks. Strong odours reported to a responsible person.	5	-	Compliant	-
Septic tanks emptied when more than 75% full	5	-	Compliant	The municipality empties the tank when needed and proof is available on site.
Biannual surface and ground water monitoring implemented.	3	3	To be addressed	Bi-annual surface water monitoring was conducted during the audit period. No groundwater monitoring was done.
ELECTRICITY SUPPLY AND ASSOCIATED WORKSHOP (2011 EMPR PG 11.14)				
All spares and parts stored in a workshop.	5	-	Compliant	-
Workshop neat and tidy.	5	-	Compliant	-
Potentially oily electrical equipment stored in a concreted area.	5	-	Compliant	-
Sealed drum for the disposal of fluorescence tubes maintained in the workshop.	N/A	-	-	The Quarry no longer use fluorescence tubes.
Technology to reduce energy consumption investigated.	5	-	Ongoing	The mine constantly considers energy reducing technology such as LED light bulbs, electricity efficient motors etc.
Transformers/gensets kept in a concrete lined bunded area.	5	-	Compliant	-
Transformers maintained by a qualified electrician.	5	-	Compliant	-
Transformer areas kept free of vegetation.	N/A	-	-	Site management is not allowed to enter the onsite Eskom transformer area.
Transformers tested for PCB contamination and if necessary polluted oil replaced with virgin oil.	N/A	-	-	
Monthly electricity consumption recorded.	5	-	Compliant	Part of the ESG spreadsheet.
MAINTENANCE / WORKSHOP (2011 EMPR PG 11.14)				
General housekeeping within the workshop maintained.	5	-	Compliant	The workshop was neat on the day of the audit.
Polluting chemicals stored within a protected area.	5	-	Compliant	-
New oils moved/stored in a designated oil store.	5	-	Compliant	-



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Old oil captured and recycled.	5	-	Compliant	RecOil (Pty) Ltd collects the used oil of the site.
Old oil stored within a sealed container prior to recycling.	5	-	Compliant	-
All lubrication containers stored in a concreted protected area in line with the MSDS.	5	-	Compliant	-
MSDS sheets reviewed and audited (annually).	5	-	Compliant	-
Hydrocarbon spills cleaned up.	5	-	Compliant	-
Clean water falling outside the workshop area directed away through trenches and berms.	5	-	Compliant	-
Water falling within the workshop captured and directed into an oil separator. Clean water from the oil separator used as process water.	5	-	Compliant	-
Vehicle checks done prior to start of a shift.	5	-	Compliant	-
Vehicle parking area allocated for vehicles not in use and kept clear of spills.	5	-	Compliant	-
Drip trays placed under vehicles.	5	-	Compliant	-
Vehicles and earthmoving equipment maintained in accordance with a maintenance schedule and records kept.	5	-	Compliant	-
Maintenance conducted within covered concreted workshop.	5	-	Compliant	While the maintenance area is not roofed, the area is underlain by a concrete surface.
Drains leading to the oil trap inspected weekly and cleaned routinely.	5	-	Compliant	The drains and first chamber of the oil trap are continuously cleaned.
Level of sludge in the first chamber of the oil trap monitored and cleaned when full.	5	-	Compliant	
Water from last chamber of oil separator system tested to prove effectiveness. Corrective measures taken if necessary.	5	-	Compliant	-
DIESEL (2011 EMPR PG 11.16)				
Above ground diesel tank located within a bunded area that can contain 110% of the capacity of the tank.	5	-	Compliant	The size of the bund was increased to ensure it can accommodate 110% of the capacity of the tank.



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Responsible person present when fuel is delivered or dispensed.	5	-	Compliant	-
Structural integrity of the bund inspected monthly and corrected if needed.	5	-	Compliant	The integrity of the bund was tested on the day of the audit and was standard.
Outlet valve of the bund always kept closed.	5	-	Compliant	The valve was closed on the day of the audit.
Bund wall clear of excessive fines and vegetation.	5	-	Compliant	-
Area around the refuelling stations inspected.	5	-	Compliant	The area around the refuelling station was neat on the day of the audit.
Environmentally acceptable absorbent available at locations where potential spills may occur.	5	-	Compliant	-
Staff members who dispense fuel trained in spill handling	5	-	Compliant	Emergency drills are done on site where the responsible employees are trained.
Diesel bowser inspected for leaks and stored on a concreted area when not in use.	5	-	Compliant	-
Fuel consumption monitoring implemented.	5	-	Compliant	This forms part of the ESG spreadsheet.
SALVAGE YARD (2011 EMPR PG 11.17)				
Equipment that may result in small oil leaks stored in a plastic lining or drip tray.	N/A	-	-	No longer applicable, as all the old equipment that may result in oil leaks were removed from site.
No stormwater flows through salvage yard.	5	-	Compliant	The stormwater flows around the concrete lining of the salvage yard.
Salvage yard neat and stored in orderly fashion.	5	-	Compliant	-
Usefulness of materials at the salvage yard evaluated annually.	5	-	Compliant	-
WASTE (2011 EMPR PG 11.17)				
Waste management inventory developed and maintained: <ul style="list-style-type: none"> • List of waste produces generated, • Classification of waste (gen/haz), • Disposal records, 	5	-	Compliant	-



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
<ul style="list-style-type: none"> Off-site disposal records, with contact details of contractor. Authorisation/licence of contractor, Record of amount. 				
Employees trained in need to separate general/hazardous waste.	5	-	Compliant	-
Small salvage yard for non-polluting salvage material (screens) maintained.	5	-	Compliant	-
Mine patrolled to remove litter.	5	-	Compliant	-
Temporary waste storage facilities signposted for different types of waste	4	-	Compliant	Some Hazardous Waste bins were noted that were used for the storage of General Waste. Signage to be updated.
Suitable number of waste receptacles available.	5	-	Compliant	-
Bunded tanks for recycling of old oil drained from vehicles and equipment available.	5	-	Compliant	-
Skip for scrap metal in waste processing area.	5	-	Compliant	-
Recycling area for glass, cans, and paper	N/A	-	-	No recycling companies have been identified in the vicinity of the Quarry where glass/cans/paper can be disposed of separately. Used oil, scrap metal, filters, and building rubble are recycled.
Bunded, concreted, covered storage area for hazardous waste. No hazardous waste stored >90 days.	4	3	To be addressed	The bunds of the hazardous waste storage areas must be sealed.
Store for old tyres and conveyor belts.	5	-	Compliant	A specific area was designated for the storage of these materials.
Capacity of the waste processing area of sufficient size.	5	-	Compliant	-
Appropriate storm water management system at the waste processing areas.	5	-	Compliant	-
Proof that the company contracted to collect and dispose waste is authorised available.	5	-	Compliant	-
Proof of disposal and/or recycling of waste available.	5	-	Compliant	-

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Authorisation of the disposal and/or recycling facility.	5	-	Compliant	-
ADMINISTRATION (2011 EMPR PG 11.19)				
Adherence and validity of permits/registrations/licences confirmed annually: <ul style="list-style-type: none"> • Mining Right, • WUL, • Waste disposal permits, • Explosive magazine permit, 	5	-	Compliant	The mine no longer has a magazine.
Contracts between the mine and sub-contractors stipulate environmental commitments.	5	-	Compliant	The quarry uses contractor packs on site that stipulate the relevant conditions and requirements.
Induction training done with all sub-contractors.	5	-	Compliant	-
Proof of annual liaison with surrounding landowners.	5	-	Compliant	The surrounding landowners are informed of each blast via notices and a verbal announcements (speaker broadcast in community).
Complaints registered maintained on site.	5	-	Compliant	The mine has a complaints box and register.
ENVIRONMENTAL MANAGEMENT DURING DECOMMISSIONING AND CLOSURE (2011 EMPR PG 11.21)				
This section was not audited as the decommissioning phase has not yet commenced nor is the mine in closure.				
HAZARDOUS CHEMICAL / HYDROCARBON SPILLS (2011 EMPR PG 11.22)				
Source of the spill stopped, and the spill contained	5	-	Ongoing	-
Contaminated area cleaned as prescribed in the EMPR	5	-	Compliant	-
Contaminated material disposed of as hazardous waste or transported to a bioremediation site.	5	-	Compliant	EnviroTech removes the contaminated soil, filters and rags from the mine and proof is available on site.
Record kept of safe disposal.	5	-	Compliant	-
FIRE (2011 EMPR PG 11.23):				
Potential for spread of veld fires reduced	5	-	Ongoing	A fire break is maintained around the mining area.
Fires reported to emergency services	N/A	-	-	Not applicable during the audit period.
Fire extinguishers available on site	5	-	Compliant	-
Employees trained in firefighting	5	-	Compliant	The site has four firefighters.



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALI WAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
SECTION 102 EMPR – TOPOGRAPHY (2018 EMPR PG 57)				
Mining carried out in such a way that the slopes are not dangerously steep.	3	3	In process	The sloping of some of the old faces of the quarry is in progress.
Slopes profiled to a 1:3 gradient and monitored continually.	3	3		
Topsoil redressed and hydroseeding with local grass species done once mining completed.	N/A	-	-	Not yet applicable
Steep slopes battered and stabilised.	N/A	-	-	
Wind erosion monitoring implemented.	5	-	Compliant	No wind erosion concerns were noted on site.
Road surfaces stabilised and maintained during mining operations.	5	-	Compliant	-
Vehicles remain within the designated road to prevent soil erosion.	5	-	Compliant	-
SECTION 102 EMPR – FLORA (2018 EMPR PG 57)				
Topsoil kept safe to be used for rehabilitation	5	-	Compliant	The topsoil removed from the expansion area is stored separately.
Indigenous vegetation reintroduced through rehabilitation	N/A	-	-	Not yet applicable.
Mining area monitored for the occurrence of alien plant species and such plants appropriately removed.	4	3	Ongoing	Refer to earlier comment regarding problem plant control.
Rehabilitation area monitored for occurrence of alien plant species until 90% of the natural vegetation cover is established.	N/A	-	-	Not yet applicable.
SECTION 102 EMPR – FAUNA (2018 EMPR PG 58)				
Concurrent rehabilitation implemented.	N/A	-	-	Not yet applicable for the extension area.
Exotic vegetation removed.	4	3	Ongoing	Refer to earlier comment regarding problem plant control.
Disturbance limited to minimum mining footprint.	5	-	Compliant	-
Indigenous plant species planted during rehabilitation.	N/A	-	-	Not yet applicable.
No faunal species collected, hunted, or killed on site.	5	-	Compliant	Site management confirmed this.
Poaching, and/or hunting addressed through an Environmental Awareness Plan	5	-	Compliant	-

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
SECTION 102 EMPR – SURFACE WATER RESOURCES (2018 EMPR PG 58)				
Diesel/hydrocarbons storage according to the DWS minimum requirements.	N/A	-	-	No diesel/hydrocarbons are stored in the extension area.
Drip trays used during refuelling of machinery.	5	-	Compliant	-
Waste stored, transported, and disposed of at a registered waste disposal site.	5	-	Compliant	Although no waste is stored at the extension area, the waste practices of the Quarry is compliant.
Waste handling/storage areas restricted to a designated waste handling area.	5	-	Compliant	
Waste bins weather and scavenger proof and securely placed to avoid waste overflows.	5	-	Compliant	
SECTION 102 EMPR – AIR QUALITY (2018 EMPR PG 59)				
Dust from gravel roads reduced using appropriate dust suppression measures.	5	-	Compliant	Dust suppression is extended to this area when needed.
Dust fallout monitoring implemented.	5	-	Compliant	The extension area was incorporated into the dust monitoring network of the Quarry during the audit period.
Work suspended during extreme windy conditions.	5	-	Compliant	-
Vehicles maintained in a roadworthy condition to limit the emissions to air.	5	-	Compliant	-
SECTION 102 EMPR – NOISE (2018 EMPR PG 59)				
Equipment operating on site maintained in a workable condition to minimise noise emissions.	5	-	Compliant	-
Unnecessary lighting avoided.	5	-	Compliant	No lighting was added to the extension area.
Machineries neatly placed.	N/A	-	-	No machines are placed/parked in the extension area.
SECTION 102 EMPR – ARCHAEOLOGICAL AND CULTURAL SITES (2018 EMPR PG 59)				
Mining area continually monitored for archaeological artefacts.	5	-	Compliant	-
Artefacts with significant conservation status removed prior to mining.	N/A	-	-	No artefacts were discovered yet.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
SECTION 102 EMPR – SOCIO-ECONOMIC (2018 EMPR PG 59)				
No dangerous excavations left in rehabilitated areas.	N/A	-	-	Not yet applicable.
Entry and exit to the mining area controlled.	5	-	Compliant	-
No fires allowed on the mining area.	5	-	Compliant	-
Required heavy vehicle signs erected at the access point.	5	-	Compliant	-
SECTION 102 ENVIRONMENTAL AUTHORISATION SITE SPECIFIC CONDITIONS (EA PG 5)				
Mining area clearly demarcated, and all vehicles remain within the demarcated footprint.	5	-	Compliant	The perimeter fence surrounding the mining area was upgraded during the audit period.
Blasting events communicated in writing to all abutting landowners two weeks prior to the scheduled blast. Proof of notifications recorded and included in the EAR.	5	-	Compliant	-
Concurrent mining and rehabilitation adopted during the operation of the mining activities. A rehabilitation plan implemented and complied with the approved EMPr.	N/A	-	-	Concurrent rehabilitation of the extension area was not yet been possible; however, the Quarry has a Rehabilitation Plan.
Wastewater generated not discharged into the natural environment. Wastewater contained and safely disposed.	N/A	-	-	No wastewater was generated in the extension area.
Dust control measures implemented. Loads transporting mined material covered with hessian sheets or watered down to ensure dust control in transit.	5	-	Compliant	-
Drainage contoured to ensure runoff is contained and do not culminate in off-site pollution.	N/A	-	-	No drainage problems were noted on site during the audit.
Alien Eradication Programme established and implemented on site.	4	3	Ongoing	-
WULA applied for if required.	N/A	-	-	The extension area does not require authorisation in terms of the NWA.
Development footprint kept as small as possible not encroaching onto sensitive areas and neighbouring community.	5	-	Compliant	-



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALI WAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Upon closure: aftercare period of at least one year to remove alien invasive species implemented.	N/A	-	-	Not yet applicable.
SECTION 102 ENVIRONMENTAL AUTHORISATION STANDARD CONDITIONS – COMMENCEMENT OF THE ACTIVITIES (EA PG 9)				
All employees supplied with the necessary PPE	5	-	Compliant	-
EA provided to the site operator	5	-	Compliant	-
Hauling roads clearly marked and appropriate signalling posted. Movement of vehicles restricted to areas outside of the drainage line or wet areas.	5	-	Compliant	-
Appropriate signage erected warning the public about the hazard around the site and presence of heavy vehicles and machinery.	5	-	Compliant	-
Construction include design measures to allow surface and subsurface movement of water along the drainage lines so as not to impede natural surface and subsurface water flow and drainage measures promote the dissipation of stormwater runoff.	N/A	-	-	Not applicable for this mining operation.
Vegetation clearance limited to areas where the individual activities occur, and mitigation measures implemented to reduce the risk of erosion and alien species invasion.	5	-	Compliant	-
No protected plant species cut, disturbed, damaged, destroyed or the products possessed, collected, removed, transported, exported, donated, purchased, or sold without permission from DAFF.	5	-	Compliant	No protected plants were noted at the time of the inspection.
Topsoil and subsoil from construction areas protected from contamination or pollution. No stockpiles placed in drainage lines or where it will impede surface water runoff.	5	-	Compliant	-
Contaminated soil removed to a licensed waste disposal facility and the site rehabilitated to the satisfaction of DWS.	N/A	-	-	No contaminated soil originated from the extension area during the audit period.



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALI WAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Onsite remediation and re-use of contaminated soil investigated prior to disposal.				
Integrated waste management approach implemented. Uncontaminated rubble re-used on site. No refuse placed, dumped, or deposited on the adjacent properties or public places and open spaces.	5	-	Compliant	Aliwal Quarry does follow an integrated waste management approach.
Costs incurred to remedy environmental damages borne by the person responsible for the damage.	N/A	-	-	Not applicable during the audit period.
Construction vehicles serviced and maintained to prevent excessive smoke, reduce noise pollution, and prevent oil leaks.	5	-	Compliant	-
Residents on the property and surrounding areas informed of unusually noisy activities.	5	-	Compliant	Blasting notifications inform the residents of unusually noisy activities.
Dust suppression measures implemented.	5	-	Compliant	-
Mixing of cement, concrete, paints, solvent, sealants, and adhesives done in a specific area on concrete aprons or protected plastic linings.	N/A	-	-	Not applicable for the extension area during the audit period.
Heritage remains immediately reported to SAHRA.	N/A	-	-	
Material and excavated soil required for backfilling free of contamination from hydrocarbons.	5	-	Compliant	The overburden that will be used for rehabilitation was free of contamination during the audit.
Hydraulic fluid or chemicals stored in a concrete lined surface with bund walls designed in such a manner that any spillage is contained.	5	-	Compliant	All chemicals used on site is kept in the storerooms of Aliwal Quarry.
Chemical sanitation facilities provided with a ratio of 1 for every 15 workers, placed in such a way to prevent spills, and the contents disposed of at an authorised wastewater treatment works.	N/A	-	-	Employees make use of the Aliwal Quarry ablutions. No chemical toilets are needed on site.
Water uses authorised by the DWS.	N/A	-	-	Not applicable for the extension area.



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALI WAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Rehabilitation of the disturbed areas comply with the approved EMPR (2018).	N/A	-	-	Not yet applicable.
Waste management in accordance with the conditions of the EA (conditions 3.24 & 3.25).	5	-	Compliant	-
Waste storage site fitted with a firm, impermeable, chemical resistant floor, and roof.	5	-	Compliant	Although no waste is stored in the extension area the waste handling facilities of the Quarry do comply with the requirements.
Hydrocarbons stored in bund walls with adequate capacity to contain the maximum volume that is stored in the area. Uncontaminated stormwater prevented from meeting waste.	5	-	Compliant	-
SECTION 102 ENVIRONMENTAL AUTHORISATION STANDARD CONDITIONS – MANAGEMENT OF ACTIVITIES (EA PG 12)				
A copy of the EA and EMPR kept at the property.	5	-	Compliant	-
Content of the EMPR made known to all contractors, subcontractors, agent, and any other people working on the site. Updates submitted to the Department for approval.	5	-	Compliant	-
Regular monitoring and maintenance of stormwater drainage facilities conducted.	N/A	-	-	Not yet applicable as no drainage facilities were established in the extension area.
Nuisance conditions or health hazards prevented.	5	-	Compliant	-
Non-recyclable waste disposed of at licensed waste management facilities.	5	-	Compliant	-
All liquid wastes diverted to sewer after testing water quality and receiving written approval from the relevant local authority.	N/A	-	-	No liquid wastes originates in the extension area.
Rehabilitation of the disturbed surfaces comply with the approved EMPR	N/A	-	-	Not yet applicable.
Name and contact details of the ECO sent to the Regional Manager within 30 days of commencement. ECO always available on site.	4	3	To be addressed	The name of the new ECO must be sent to the DMPR.



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Footprint limited to the areas authorised and all other areas regarded as no-go areas.	5	-	Compliant	-
Erosion and soil loss prevented, and erosion stabilising implemented where necessary.	5	-	Compliant	No erosion problems were noted on site.
Personnel working with hazardous waste trained and records available.	5	-	Compliant	-
Storage skips and bins not overfilled.	5	-	Compliant	-
SECTION 102 ENVIRONMENTAL AUTHORISATION STANDARD CONDITIONS – REPORTING TO THE DEPARTMENT (EA PG 14)				
Annual reporting done and submitted to the DMPR in accordance with the requirements of the EA.	5	-	Compliant	The previous EPA was submitted to the DMPR in June 2025.
SECTION 102 ENVIRONMENTAL AUTHORISATION STANDARD CONDITIONS – SITE SECURITY AND ACCESS CONTROL (EA PG 14)				
Effective access control on site and signs indicating the risks displayed at the entrance.	5	-	Compliant	-
Weatherproof durable legible notices in at least three official languages displayed at the entrance to the site.	4	3	To be addressed	The signage at the entrance to the site does not display three official languages.
SECTION 102 ENVIRONMENTAL AUTHORISATION STANDARD CONDITIONS – EMERGENCY PREPAREDNESS PLAN (EA PG 15)				
Emergency preparedness plan in accordance with the EA conditions (7.1) implemented and annually reviewed.	5	-	Compliant	This forms part of the CoP's of the site.
Emergency register kept on site.	5	-	Compliant	The mine lists all accidents/incidents on an online SHEQ system.



**ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT
REPORT – ALIWAL QUARRY**

COMMENTS OR COMPLAINTS RECEIVED FROM I&AP'S

(APPENDIX 7 SUB-REGULATION 3(G) & (J)):

No written environmental related complaints were received during the audit period.

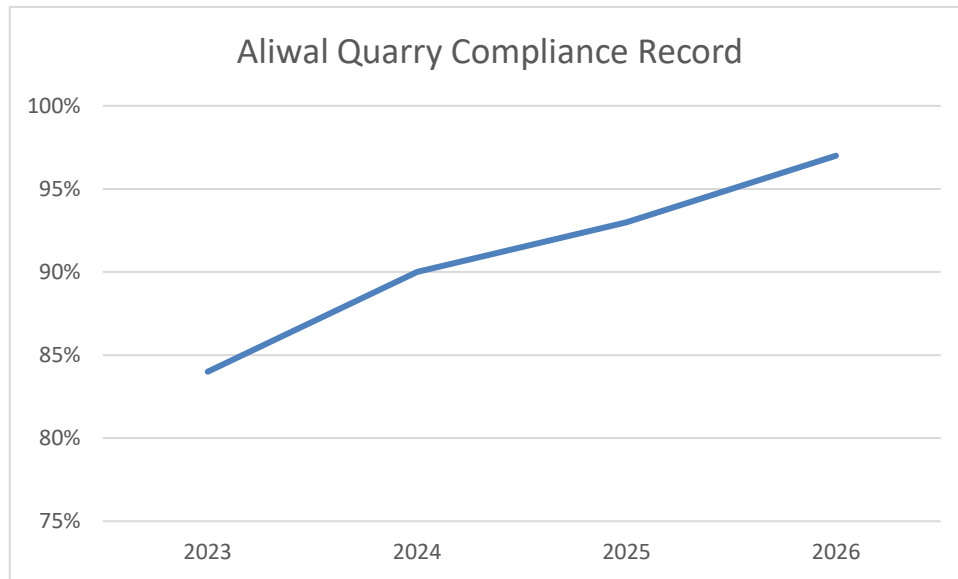
AUDITING OF EA, EMPR AND REPORTING THEREOF

(REGULATION 34):

Date of previous EAR/EPA:	May 2025
Proof of submission to DMR available:	The previous EAR was submitted to the DMPR on 06 June 2025, and proof of this is available from the right holder.
EAR/EPA compiled by independent person with environmental auditing expertise:	This EAR was compiled by Ms Christine Fouché from Greenmined Environmental (Pty) Ltd.
Potential and registered I&AP's notified within 7 days of the submission date, and report available on publicly accessible website	The holder of the mining right (Aliwal Dolerite Quarry (Pty) Ltd) must, within 7 days of submission, notify all potential and registered I&AP's of the submission of the report. The report will also be placed on the publicly accessible Greenmined website.

GENERAL REPORT

Aliwal Quarry achieved an overall compliance score of 97% during the 2025–2026 audit period. The majority of the environmental management requirements assessed during the audit were found to be compliant, with the identified findings largely relating to administrative, monitoring and record-keeping requirements rather than significant environmental impacts or environmental incidents.



Several positive environmental management initiatives were noted during the audit. The site intensified its invasive alien plant control programme and successfully removed a significant number of problem plant species from the active mining area. A control register is maintained to record the areas where alien vegetation management activities have been undertaken. Concurrent rehabilitation initiatives also continued during the audit period, including the use of overburden and oversize material to rehabilitate previously disturbed areas. The perimeter fence surrounding the mining area was replaced and remains in a good condition, and the size of the diesel depot bund increased.

The site continues to maintain a good standard of housekeeping. The processing plant, workshop, dispatch area, stockpile areas and waste management facilities were generally well managed, and no significant hydrocarbon contamination, excessive dust generation or unmanaged waste accumulations were observed during the inspection. During the audit period, the Right Holder also developed and submitted a Dust Management Plan to the Walter Sisulu Local Municipality in accordance with the National Dust Control Regulations, 2026. Water quality monitoring was undertaken during the audit period and, with the exception of elevated microbial levels detected in a non-potable staff kitchen water source, the results generally indicated compliance with the applicable standards and authorisation requirements.

The Right Holder also submitted an amended and consolidated EMPr to the DMPR during the audit period. The amendment aims to align the EMPr with current legislative requirements, reflect prevailing site conditions and operational activities, and consolidate the existing approved EMPrs into a single management document. At the time of this assessment, the amended EMPr remained under review by the DMPR.

The audit identified a number of outstanding matters requiring attention, including the implementation of a fauna sightings register, compilation of a formal water balance diagram, indication of the freeboard level on settlement ponds, reinstatement of groundwater monitoring, implementation of the annual indigenous tree

planting requirement, and the finalisation of the amended consolidated EMPr. These findings are considered minor in nature and do not materially affect the site's overall environmental performance.

Based on the findings of this Environmental Performance Assessment, the approved EMPrs remain generally effective in managing and mitigating the environmental impacts associated with the mining operation. Subject to the continued implementation of the prescribed management measures and the addressing of the identified findings, the operation is considered to be achieving an acceptable level of environmental compliance.

DOCUMENT CHECKLIST:

• Alien vegetation control plan & action plan	-	Present
• Blasting Notifications	-	Present
• Blasting Procedure	-	Present
• Complaints Register	-	Complaints box and register
• Concurrent rehabilitation plan	-	Part of the Financial Provision Report
• Dust Monitoring Report	-	Present
• EMPR 2011	-	Present
• Environmental Awareness Plan	-	Present
• Environmental Performance Assessment (2025)	-	Present
• Fauna Sighting Book	-	To be Added
• Financial Provision Reassessment (2025)	-	Present
• Incident Reports / Flash Reports	-	Present
• Long Term Mine Plan	-	Part of the Financial Provision Report
• Mine Plan (2026)	-	Present
• Mine Works Programme	-	Present
• Mining Right	-	Present
• Executed S102 Mining Right	-	Present
• MSDS's	-	Present
• Noise Monitoring Report	-	Present
• Plant/Vehicle Inspection Records	-	Present
• Proof of Environmental Awareness Training	-	Present
• Proof of Waste Removal	-	Present
• Section 102 Application EA	-	Present
• Section 102 EMPR	-	Present
• Section 102 Granting Letter	-	Present
• Short Term Mine Plan	-	Present
• Social and Labour Plan	-	Present
• Waste Service Providers Registration/Certification	-	Present
• Water Use Authorisation	-	Present
• Water Use Balance	-	To be Added
• Monitoring results	-	Dust Monitoring (Present) Water monitoring (Present) Fuel Consumption (Present) Electricity Consumption (Present) Waste Generation (Present)

MATTERS TO BE ADDRESSED

1. Implement and maintain a Fauna Sightings Register.
2. Indicate all topsoil stockpiles on the Mine Plan.



ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALI WAL QUARRY

3. Continue the removal of remaining alien invasive plant species.
4. Compile and maintain a monthly Water Balance Diagram.
5. Incorporate monthly water consumption records into the Water Balance Diagram.
6. Indicate the required freeboard level on settlement ponds.
7. Conduct training relating to settlement pond freeboard management.
8. Reinstate groundwater monitoring.
9. Seal the bunded hazardous waste storage area.
10. Update waste management signage.
11. Update entrance signage to include at least three official languages.
12. Implement the annual indigenous tree planting requirement.
13. Finalise and obtain approval of the amended consolidated EMPr.
14. Send the details of the new ECO to the DMPR.

ABILITY OF EMPR TO ADEQUATELY MANAGE OR MITIGATE ENVIRONMENTAL IMPACTS & NEED FOR AMENDMENT OF THE EMPR (APPENDIX 7 SUB-REGULATION 3(E))

The approved 2011 EMPr was compiled prior to the promulgation of the NEMA Environmental Impact Assessment Regulations, 2014 and, as such, does not fully align with the content requirements prescribed in Appendix 4 of the current EIA Regulations. In addition, a separate EMPr was approved in 2018 as part of a Section 102 amendment application.

During the audit period, the Right Holder submitted an amended and consolidated EMPr to the Department of Mineral and Petroleum Resources (DMPR) for consideration and approval. The amended EMPr was prepared to align the environmental management requirements with current legislative provisions, reflect prevailing site conditions and operational activities, and consolidate the existing approved EMPrs into a single management document. At the time of this assessment, the amended EMPr remains under review by the DMPR. Notwithstanding the pending approval, the existing approved EMPrs are considered adequate to manage and mitigate the identified environmental impacts associated with the operation, provided that their requirements continue to be implemented.

FINANCIAL PROVISION

This report is accompanied by a reassessment of the financial provision calculation for the year 2026 that amounts to R 5 946 869.93. The 2026 financial provision exceeds the value of financial guarantee in place at the DMPR, and the Right Holder may need to provide a shortfall amount upon departmental request.

ECO SIGNATURE

NAME:	SIGNATURE:	DATE:
Christine Fouché	<i>Christine Fouché</i>	01 June 2026

PHOTOGRAPHS



Bunded diesel depot



Integrity test of the diesel depot bund

Parking area of the diesel bowser



Workshop and maintenance area neatly managed



Bund of hazardous waste area to be sealed



Signage of relevant bins to be updated



Operational oil sump



Drip trays in use



Recycling of process water



General work areas where problem plants were removed



Settlement dams improved



Stockpile areas



Generator bund



Cleaned storage area



Salvage yard neatly managed



Plant area neatly managed



Problem plants removed from berms



Quarrying pit



Extension area where problem plants were removed



Quarry pit



Demarcated roadways

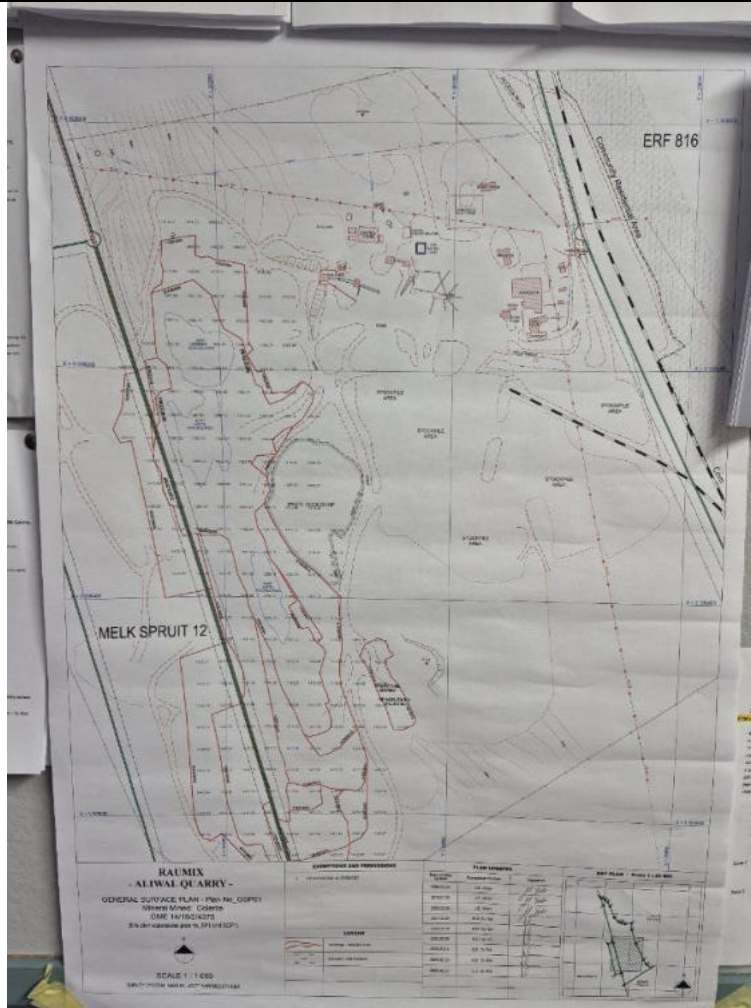


Weighbridge



Stormwater berms in place

PROOF OF DOCUMENTATION



2026 Mine Plan

DATE	SPECY NAME	LOCATION	REMOVAL METHOD	DISPOSAL METHOD	COORDINATOR	MANAGER SIGNATURE
14-04-2026	Tobacco	11	Manual	In Trench	Sandra	
14-04-2026	Tobacco	11	Manual	In Trench	Sandra	
14-04-2026	Tobacco	11	Manual	In Trench	Sandra	
14-04-2026	Tobacco	11	Manual	In Trench	Sandra	
14-04-2026	Tobacco	11	Manual	In Trench	Sandra	
14-04-2026	Tobacco	10	Manual	In Trench	Sandra	
14-04-2026	Tobacco	10	Manual	In Trench	Sandra	
14-04-2026	Tobacco	10	Manual	In Trench	Sandra	
14-04-2026	Tobacco	10	Manual	In Trench	Sandra	
14-04-2026	Tobacco	6	Manual	In Trench	Sandra	
14-04-2026	Tobacco	6	Manual	In Trench	Sandra	
14-04-2026	Tobacco	6	Manual	In Trench	Sandra	
14-04-2026	Tobacco	6	Manual	In Trench	Sandra	
14-04-2026	Tobacco	4	Manual	In Trench	Sandra	

Alien Vegetation Removal Register

ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALIWAL QUARRY

Oil waste - March.pdf

DANGEROUS GOODS DECLARATION
REC-IL
DISPOSAL CERTIFICATE
REMITTANCE ADVICE
Compliment No: 20407

Customer Details:
Raumix Aliwal north
Old RMT Building
Quigley
East London
P.O. Box 18381
Quigley
East London
6211
Tel: 043 743 8400
Fax No: 4280188430

Date: **18, 3, 25**
Vehicle reg No: **JCH1387**

UN No	Product Name	Class	Packing Group	Volume	Price per L	Total
1208	Waste Oil	3	3	300	250	

Method of Payment: Cash Debit Transfer

ALL PRICES QUOTED INCLUDE VAT.

Oil waste - March.pdf

WASTE MANIFEST SAFE REMOVAL CERTIFICATE & DANGEROUS GOODS DECLARATION
COMPLIMENT NO NUMBER: 296857

WASTE TRANSPORTER COLLECTION
REC OIL
Tel No: 043 743 8400
Old RMT Buildings Quigley Road
Quigley
East London
Waste Accreditation: RFD 25143
Lic No: 4280188430

WASTE GENERATOR
RAUMIX
Tel No: 043 743 8400
Old RMT Buildings
Quigley Road
Quigley
East London
Waste Accreditation: RFD 25143
Lic No: 4280188430

WASTE RECIPIENT
QUIGLEY ROAD QUIGLEY EAST LONDON
Tel No: 043 743 8400
Fax No: 4280188430

WASTE DESCRIPTION
Waste Oil

WASTE QUANTITY
300 Litres

WASTE CLASSIFICATION
Class 3, Packing Group 3

WASTE MANAGEMENT
Waste Oil, collected by RAUMIX for recycling.

Proof of used oil removal by RecOil (Pty) Ltd

EMERGENCY DRILL

FOR
ALIWAL QUARRY

3 March 2026

**SCENARIO:
Oil spillage.**

Document Number: REC/001/26-01-Emergency DR - RAUMIX 2.1.7 Rev Number: 06/10/2023 - Rev 06 Page 1 of 14

EMERGENCY DRILL ATTENDANCE REGISTER



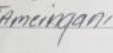

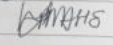











Employee name list

Employee number	Name & Surname	ID Number	Signature
8586	Samira Fourie	0111270353080	[Signature]
20836MX	Raymond Bani	7003755424080	[Signature]
158052	Samson Gaba	8610764114080	[Signature]
7272	Nico Ely	9003305091080	[Signature]
773792	Audrey Mngqiso	6707185258086	[Signature]
74652	Vuyolise Mabele	49038043366081	[Signature]
R0504	Bernard Matlwa	6712185727082	[Signature]
R0457	Eric Maseke	7413086212004	[Signature]
R0458	Thabiso Simutse	8002272535080	[Signature]
180504	Mesack Malo	7306105289089	[Signature]
R0484	Patrick Msonare	6703225281081	[Signature]
	Mzokisi Kozabo	8403106438080	[Signature]
	Muni Sokoyi	6804156022088	[Signature]
	Stanford Shobe	7509135588088	[Signature]
	Erick Amete	8601135425088	[Signature]

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Emergency Drill Attendance Register

ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – ALI WAL QUARRY

Date	13/05/2026	Location	Aliwal Quarry	
Discussed by whom	Sandra Fourie	Signature		
Item Discussed- Poaching and Snare Awareness Topic				
Name & Surname	Company	Occupation	Date	Signature
Edmund Vorster	Raumix	Manager		
Raymond Rini	Raumix	Supervisor	13-05-26	
Nicolaas Els	Raumix	Mechanic	13-5-26	
Aubrey Mcingani	Raumix	Maintenance	13/5/2026	
Rowen Damoense	Raumix	Student		
Samson Gaba	Raumix	Plant Operator	13-05-26	
Vuyisile Mahe	Raumix	Welder	13-05-26	
Bernard Matiya	Raumix	Plant Operator	13/5/2026	
Eric Makoia	Raumix	TMM Operator	13-05-2026	
Thabiso Smouse	Raumix	TMM Operator	13-05-2026	
Meshack Mafo	Raumix	TMM Operator	13-05-26	
Patric Monare	Raumix	TMM Operator	13-05-26	
Mzolisi Nonabe	Raumix	TMM Operator	13/05/2026	
Muki Sokoyi	Raumix	TMM Operator	13-05-26	
Standford Shoba	Raumix	Plant Operator	13/5/26	
Eric Jenete	Raumix	Plant Operator	13/5/26	
G. O'CONNELL	RAUMIX SECURITY	SECURITY	13/5/26	
Collin Theron	Raumix	SECURITY	13/05/26	
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Anti-poaching Toolbox Talk Register