

QUEENSTOWN QUARRY
A PORTION OF THE FARM LESSEYTON NO 81,
QUEENSTOWN/KOMANI, EASTERN CAPE PROVINCE

ENVIRONMENTAL PERFORMANCE ASSESSMENT /
ENVIRONMENTAL AUDIT REPORT

DMR REFERENCE NUMBER:	179/2015 & EC 30/5/1/2/2/009 MR
AUDIT PERIOD:	May 2024 – May 2025

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1. PROJECT SPECIFIC DETAIL

ITEM	MINING RIGHT HOLDER
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ITEM	LOCATION AND AREA INFORMATION
Site Name	Queenstown Quarry
Property Description	Lesseyton No 81
Location	The Queenstown quarry is located 6 km to the west of Queenstown/Komani, adjacent to the N6. The site is situated on a portion of the farm Lesseyton 81.
Size of Mining Area	153.4741 ha

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2. ENVIRONMENTAL AUDIT REPORT

PROJECT DETAIL

Right Number:	179/2015 & EC 30/5/1/2/2/009 MR	Date of commencement:	±2007
Site name:	Queenstown Quarry	Inspection date:	21 May 2025
Right Holder:	Queenstown Quarry (Pty) Ltd	Other authorisations:	Water Use Certificate No: 28087926
Report number:	02		

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 nineteen 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 Fouché, 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="center"><i>Christine Fouché</i></p> <p align="right">Date: 28 May 2025</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.

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), as approved by the Department of Mineral Resources and Energy. 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:

- Dolerite Quarry;
- Old processing area;
- Old settling pond;
- Overburden stockpiles;
- Processing plant;
- Quartzite Quarry;
- Salvage yard;
- Stockpile areas;
- Weigh bridge and administration buildings;
- Workshop.


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 site management.

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 (2024) 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

Site location:	The Queenstown quarry is located 6km to the west of Queenstown/Komani, adjacent to the N6. The site is situated on a portion of the farm Lesseyton 81.	
Site map:		
Site Coordinates:	South Coordinate (Latitude)	East Coordinate (Longitude)
	A -31° 53' 21.00"	26° 47' 37.00"
	B -31° 53' 25.00"	26° 47' 57.00"
	C -31° 53' 35.00"	26° 47' 56.00"
	D -31° 53' 40.00"	26° 47' 48.00"
	E -31° 53' 41.00"	26° 47' 41.00"
	F -31° 53' 35.00"	26° 47' 28.00"

PROJECT DESCRIPTION

Queenstown Quarry is an existing open cast quartzite and dolerite mining operation (active since the 1970's) with a converted Mining Right EC 009 MR for 36.25 ha over the Farm Lesseyton 81 valid until 24 March 2045. The operation is also associated with a mining permit (EC 10498 MP) covering 4.9 ha directly adjacent to the mining right. The mining permit was issued on in November 2020 and subsequently renewed until November 2025.

Queenstown Quarry (Pty) Ltd is the mining right holder whilst Komani Quarry (Pty) Ltd is the mining permit holder. The holders entered into a mining offtake agreement with Raumix Aggregates (Pty) Ltd who are the entity responsible for the financial and technical aspects including the use of the existing equipment, infrastructure, labour force, and services at Queenstown Quarry.

Mining is through conventional drilling and blasting methods, with loosened material removed from the pit by excavators and haul vehicles. The material is then processed through existing crushing plants (both fixed and mobile) to produce aggregates. The mine is a major supplier of aggregate material for the construction industry in the Queenstown region. Supporting infrastructure includes a workshop, administration areas, security access point, weigh bridge and diesel tank bund. (Coates 2022)

SITE CONDITIONS

Cloudy cold day with slight wind and wet 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 DMRE.
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>Need for Amendment of the EMPR</i> under <i>General Report</i> below. The Quarry has a Section 102 amendment application to expand the mining footprint pending with the DMRE.
Copy of the EA available on site	N/A	-	-	
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 2025, 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	-
Copy of Water Use Authorisation available on site.	5	-	Compliant	-
National Environmental Management: Biodiversity Act, 2004 (Act No 10 of 2004) (NEM:BA)	3	3	Ongoing	Queenstown Quarry has an Alien Invasive Species Management Plan as well as an Alien Invasive Species Removal Plan. The action plan divides the mine into 27 locations that are progressively cleaned. During the audit period problem plants were mainly cleared from locations 1-10.
MINE PLANNING (2011 EMPR PG 11.6)				
Long-term mine plans generated and maintained that consider final closure requirements.	1	3	To be implemented	The site does not have a long term plan as required in the EMPR.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Short-term mine plan (annual) in place that are aligned to achieve long-term mine plan.	5	-	Compliant	The rock engineers report discuss 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	1	To be addressed	The 2025 Mine Plan shows the 9 m boundary pillar and the stockpiles. The plan does not 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).	4	3	To be implemented	Although environmental matters are discussed when needed, there are no formal minutes of the meetings. This needs to be addressed.
STRIPPING OF VEGETATION AND TOPSOIL (2011 EMPR PG 11.7):				
Reduce area of impact by only striping areas demarcated for mining.	N/A	-	-	No topsoil was stripped nor was new areas disturbed during the audit period.
Unnecessary stripping of vegetation along the ridge avoided	N/A	-	-	
Vegetation and topsoil stripping only 30 m ahead of working face, or 3 months prior to mining.	N/A	-	-	No vegetation and/or topsoil was stripped in the mining footprint during the audit period.
Concurrent rehabilitation implemented.	1	3	To be addressed	No concurrent rehabilitation was implemented during the audit period. However, according to site discussions, rehabilitation of the western side of the quartzite quarry will commence during the following 12-months period.
Employees educated on poaching and snares	5	-	Compliant	Toolbox talks address this matter.
Security inspecting the mining area weekly and removing snares.	5	-	Compliant	Site management inspect the mining area for snares.
Fauna sightings book maintained	1	3	To be implemented	A fauna sightings book/register must be started on site.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
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 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	3	3	To be implemented	The topsoil sign has been placed since the last audit.
Soil stockpiles protected from compaction by vehicles and storm water run-off.	5	-	Compliant	-
Stockpiles indicated on all mine plans.	5	-	Compliant	The topsoil and other stockpiles are shown on the mine plan.
Stockpiles monitored for correct use, erosion, alien vegetation, foreign matter. Corrections implemented when necessary.	4	3	Ongoing	The mine progressively clean the problem plants from the stockpile, but problem plants are still present on some.
Erosion identified and addressed.	N/A	-	-	No erosion were noted on site.
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 11.8):				
Overburden handled separately to topsoil.	5	-	Compliant	-
Overburden used for concurrent rehabilitation under topsoil.	N/A	-	-	No progressive rehabilitation was applicable in the audit period. Also refer to <i>General Report</i> below.
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	-
Earthmoving equipment kept in good working order.	5	-	Compliant	This appeared true during the audit.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Structures/measures/filters in place to filter “dirty” water from overburden dumps.	5	-	Compliant	Stormwater berms direct clean runoff water away from the work areas.
Overburden dumps monitored (stormwater, revegetation, alien vegetation, erosion). Inadequacies rectified.	4	3	To be implemented	All alien invader plants must be removed from the overburden dumps.
Overburden dump restricted to a max of 30 m	5	-	Compliant	-
DRILLING BLASTING AND SECONDARY BREAKING (2011 EMPR PG 11.9):				
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 appointed as the responsible blasters of the quarry.
Blast monitoring implemented.	5	-	Compliant	-
Concerns regarding blasting addressed.	N/A	-	-	No complaints were received during the audit period.
Explosive magazine permit on-site and requirements implemented.	N/A	-	-	The magazine was removed from site.
Drill rigs fitted with dust suppression / extraction equipment and maintained according to a schedule.	5	-	Compliant	-
Blasting postponed when windy.	5	-	Compliant	If needed.
Secondary breaking taking place in the quarry.	N/A	-	-	No secondary breaking takes place at the quarry.
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 most recent water samples (from the pit) were collected in March 2025. See <i>General Report</i> .
Large oil spills from drilling operations cleaned up.	N/A	-	-	No large oil spills occurred because of the drilling operations.
LOADING AND HAULING (2011 EMPR PG 11.11):				
Vehicle and earth moving equipment checks undertaken prior to a shift.	5	-	Compliant	Proof of pre-start registers are available on site.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Dust resulting from vehicle entrainment on all haul roads suppressed.	5	-	Compliant	Water sprayers are present along the road ways and other areas are sprayed by water truck.
Earthmoving equipment kept in good working and if possible, fitted with noise abatement technology.	5	-	Compliant	-
CONCURRENT REHABILITATION (2011 EMPR PG 11.11):				
Concurrent rehabilitation implemented.	1	3	To be implemented	No concurrent rehabilitation occurred during the audit period.
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.
Alien vegetation control plan (AVCP) implemented on site.	5	-	Ongoing	The AVCP was reviewed, and the Action Plan was updated.
AVCP reviewed and if necessary updated annually	5	-	Ongoing	The plan was implemented on site during the audit period.
Inspection programme for all buildings implemented (maintenance, redundancy)	5	-	Compliant	Although no formal inspection programme exist, maintenance is constantly done and repairs when needed. Management continues with the removal of the old structures where the previous processing plant was.
CRUSHING, SCREENING, WASHING AND STOCKPILING (2011 EMPR PG 11.13):				
Plant kept in good working order through scheduled maintenance.	5	-	Compliant	-
Build-up of fines reduced around the plants.	5	-	Compliant	-
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.
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.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
DISPATCH (2011 EMPR PG 11.14):				
Dust suppression implemented	5	-	Compliant	-
Sales and dispatch during normal operational hours.	5	-	Compliant	-
Vehicles not leaking oil/fuel.	5	-	Compliant	The trucks of clients entering the mine to load material are inspected for oil leaks. If a leak is detected a flash report is done and the truck must leave the mine until repaired.
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 on the day of the audit.
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 in the N6 reported to the relevant traffic department	N/A	-	-	The road is maintained by SANRAL.
The junction of the mine and the N6 kept clean	5	-	Compliant	-
WATER SUPPLY AND USE (2011 EMPR PG 11.15):				
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.	1	3	Being implemented	Aliwal Quarry is in the process of reviewing the water usages of the site.
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. However, the site is still in the process of re-evaluating the water uses and will align this with the latest legislative requirements if needed.
Monthly water balance diagram maintained.	1	3	To be implemented	The mine must develop a water balance diagram.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Biannual water management inspections conducted of all areas stipulated in the EMPR and rectifications implemented.	3	3	To be implemented	The Quarry do annual water monitoring instead of biannual.
Potable water obtained from the boreholes and available on site for use of workers	5	-	Compliant	Potable water is available to all employees. The water is obtained from the quarry pit and cleaned at a water purification plant.
Monthly water consumption monitoring implemented and used to update the water balance diagram.	1	3	To be implemented	The water meters of the Quarry must be replaced and as such the water consumption monitoring results were outdated on the day of the audit.
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	The process water flows in a closed system between the processing plant and the quarry sump.
Freeboard level (0.8m) indicated on the settlement dam and training sessions done to prevent exceedance.	5	-	Compliant	The freeboard level is indicated at the old settlement dam.
Regular maintenance of the settlement dam side wall carried out to detect erosion/leakages.	N/A	-	-	As the water is recycled between the plant and the quarry pit, the old settlement dam is no longer in use.
“Clean” water separated from “dirty” water and directed around the site	5	-	Compliant	This appeared true on the day of the audit.
Uncontrolled discharge of “dirty water” from mining site prevented.	5	-	Compliant	-
Stormwater control structures evaluated biannually.	5	-	Compliant	Sediment drains added to the stormwater berms filter sediment rich water before leaving the mining area.
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	A contractor of the municipality empties the tank when needed and proof is available on site.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Biannual surface and ground water monitoring implemented.	3	3	To be implemented	Presently the mine does annual surface water monitoring. No groundwater monitoring was done during the audit period.
ELECTRICITY SUPPLY AND ASSOCIATED WORKSHOP (2011 EMPR PG 11.17):				
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	-	-	FS E-waste removed the electronic waste of the quarry. No florescent tubes had to be removed during the audit period.
Technology to reduce energy consumption investigated.	5	-	Compliant	The mine constantly considers energy reducing technology such as LED light bulbs, efficient motors etc.
Transformers/gensets kept in a concrete lined bunded area.	4	3	To be addressed	All the generators of the mine (that does not have internal bunds) must be within a bunded area with sealed berms.
Transformers maintained by a qualified electrician.	5	-	Compliant	-
Transformer areas kept free of vegetation.	5	-	Compliant	-
Transformers tested for PCB contamination and if necessary polluted oil replaced with virgin oil.	5	-	Compliant	-
Monthly electricity consumption recorded.	5	-	Compliant	Part of the ESG spreadsheet.
MAINTENANCE / WORKSHOP (2011 EMPR PG 11.18):				
General housekeeping within the workshop maintained.	5	-	Compliant	The workshop was very neat at the time of the audit.
Polluting chemicals stored within a protected area.	5	-	Compliant	-
New oils moved/stored in a designated oil store.	5	-	Compliant	-
Old oil captured and recycled.	5	-	Compliant	Rec Oil (Pty) Ltd collects the used oil of the site.
Old oil stored within a sealed container prior to recycling.	5	-	Compliant	-
Drip trays available in the workshop and parking area to capture old oil.	5	-	Compliant	-
All lubrication containers stored in a concreted protected area in line with the MSDS.	5	-	Compliant	-

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
MSDS sheets reviewed and audited (annually).	5	-	Compliant	-
Hydrocarbon spills cleaned up.	5	-	Compliant	No spills were noted on the day of the audit at or near the workshop.
All vehicle washing take place at the designated wash bay with appropriate oil separator.	5	-	Complaint	-
Parking area inspected for signs of pollution.	5	-	Compliant	Hydrocarbon spills are cleaned upon occurrence.
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	-
Drains leading to the oil trap inspected weekly and cleaned routinely.	5	-	Compliant	-
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	The water from the last chamber of the oil separator was tested for the presence of hydrocarbons. See <i>General Report</i> .
DIESEL (2011 EMPR PG 11.20):				
Above ground diesel tank located within a bunded area that can contain 110% of the capacity of the tank.	4	3	To be addressed	The bund of the diesel tank must be sealed.
Responsible person present when fuel is delivered or dispensed.	5	-	Compliant	-
Structural integrity of the bund inspected monthly and corrected if needed.	4	3	To be addressed	As mentioned earlier, the bund of the diesel tank must be sealed.
Outlet valve of the bund always kept closed.	N/A	-	-	The bund does not have an outlet valve.
Bund wall clear of excessive fines and vegetation.	5	-	Compliant	-

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
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	The site has an Envirotech oil spill kit.
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	The parking area is concrete lined but does not have berms along the sides. On the day of the audit the concrete surface was clean, and a drip tray was placed under the bowser. Management confirmed that the bowser is always empty when parked in this area and therefore the drip tray will be sufficient to catch any dripping that may occur.
Fuel consumption monitoring implemented.	5	-	Compliant	This forms part of the ESG spreadsheet.
SALVAGE YARD (2011 EMPR PG 11.21):				
Equipment that may result in small oil leaks stored in a plastic lining or drip tray.	3	3	To be addressed	The equipment leaking hydrocarbons at the salvage yard must be removed and the spills must be cleaned.
No stormwater flows through salvage yard.	5	-	Compliant	Berms direct stormwater from the salvage yard.
Salvage yard neat and stored in orderly fashion.	5	-	Compliant	-
Usefulness of materials at the salvage yard evaluated annually.	5	-	Compliant	When a full load accumulated.
WASTE (2011 EMPR PG 11.21):				
Waste management inventory developed and maintained: <ul style="list-style-type: none"> List of waste produces generated, Classification of waste (gen/haz), Disposal records, Off-site disposal records, with contact details of contractor. Authorisation/licence of contractor, Record of amount. 	5	-	Compliant	-

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
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	5	-	Compliant	-
Suitable number of waste receptacles available.	5	-	Compliant	-
Bunded tanks for recycling of old oil drained from vehicles and equipment available.	4	3	To be addressed	The bund of the used oil tank must be sealed.
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/plastic/paper can be disposed of separately. Oil, scrap metal, tin cans and filters are recycled.
Bunded, concreted, covered storage area for hazardous waste. No hazardous waste stored >90 days.	4	3	To be addressed	The bund of the used oil storage area 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	-
Authorisation of the disposal and/or recycling facility.	5	-	Compliant	-
ADMINISTRATION (2011 EMPR PG 11.23)				
Adherence and validity of permits/registrations/licences confirmed annually: • Mining Right,	5	-	Compliant	The mine no longer has a magazine and is in the process of reviewing the water uses of the site.

DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
<ul style="list-style-type: none"> WUL, Waste disposal permits, Explosive magazine permit, 				
Contracts between the mine and sub-contractors stipulate environmental commitments.	5	-	Compliant	-
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 through a message on a WhatsApp group.
Complaints registered maintained on site.	5	-	Compliant	The mine has a complaints box and register.
ENVIRONMENTAL MANAGEMENT DURING DECOMMISSIONING AND CLOSURE (2011 EMPR PG 11.25):				
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 11.27):				
Source of the spill stopped, and the spill contained	5	-	Compliant	-
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 from the mine and proof is available on site.
Record kept of safe disposal.	5	-	Compliant	-
FIRE (2011 EMPR PG 11.27):				
Potential for spread of veld fires reduced	5	-	Compliant	-
Fires reported to emergency services	5	-	Compliant	When needed.
Fire extinguishers available on site	5	-	Compliant	-
Employees trained in firefighting	5	-	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	A net was placed over the general waste skip to prevent scavenging.

COMMENTS OR COMPLAINTS RECEIVED FROM I&AP'S
(APPENDIX 7 SUB-REGULATION 3(G) & (J)):

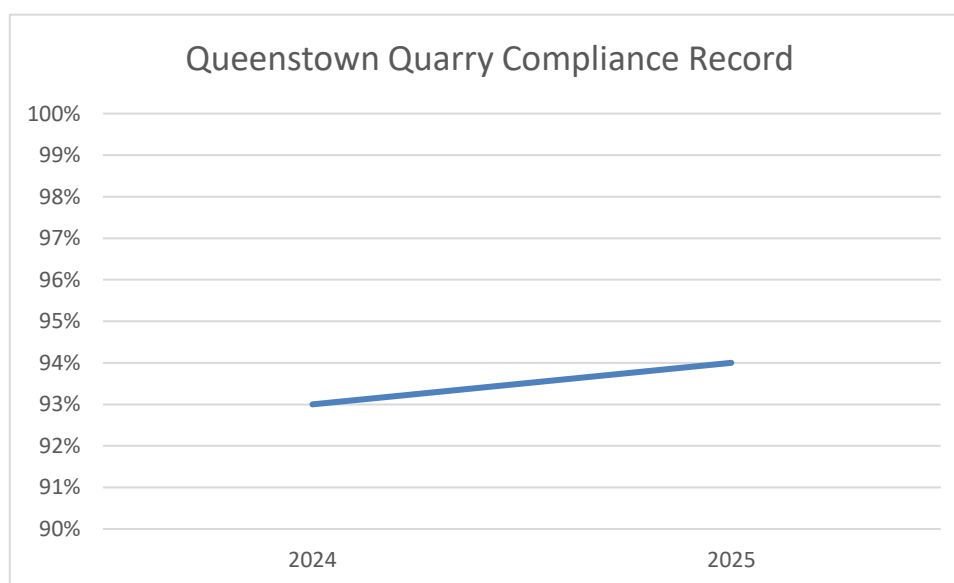
No written environmental related complaints were received during the audit period.

AUDITING OF EA, EMPR AND REPORTING THEREOF
(REGULATION 34):

Date of previous EAR/EPA:	08 July 2024
Proof of submission to DMR available:	Proof of submission of the EAR to DMRE on 12 July 2024 is available at the site.
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 (Queenstown 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

Compliance of the mining site with the 2011 EMPR as reviewed during the site assessment. The mining area recorded a compliance score of 94% for the audit period.



Section 102 Amendment Application – Extension of the Mining Footprint

As mentioned earlier, a Section 102 application to amend the mining boundaries was submitted to the DMRE and the acceptance of the application is pending.

Invader Plant Species

The removal of problem plants such as Wild Tobacco (*Nicotiana glauca*), Large Thorn-apple (*Datura ferox*), and Fountain Grass (*Cenchrus setaceus*) was intensified during the audit period and the results are evident on site. Various areas do still have weeds that need to be attended to. It should be noted that the resin bush (*Euryops annae*), although prolific in disturbed areas, are indigenous and not on the list of invasive plant species (AIS List, 2020) that must be controlled/removed on site.

Water Management and Monitoring

Since the previous (2024) audit the Quarry had water samples from the quarry pit, last tank of the oil separator and the drinking water tested. The samples were taken in March 2025, and the results are available on site. The laboratory (testing the water) did not include the acceptable limits in the results, nor do they explain the results making it difficult to interpret. However, from the results it was deduced that the:

- nitrate level of the quarry pit water is below the SANS:241 (2015) and 2013 GN 665 limits and therefore compliant.
- the pH of the water were not tested, and it is proposed that the chemical tests be expanded to include the standard parameters associated with water quality.
- the quarry water and especially the water from the last chamber of the oil separator is high in *Heterotrophic Plate Count*, *E. coli* and *Total Coliforms*.
- although the lab did not elaborate on the findings, it appears as if the hydrocarbon results of the water from the last tank of the oil separator is acceptable.

It is however proposed that the lab commissioned to test the water samples should provide the site with a summary of the findings and explain the results.

The meter of the water pump is faulty and needs to be repaired to enable the mine to monitor the water quantity used. This information must also be used to inform the Water Balance to be added to the mine's documents.

Waste Management

All the bunded areas of the mine must be sealed and proof of a subsequent positive leak test must be filed.

Progressive Rehabilitation

As mentioned earlier, site management intends to start rehabilitating the western side of the quartzite quarry during the next 12-months. It is proposed that the oversize rock and unwanted material to be removed from the north-eastern side of the dolerite quarry will be used to soften the benches and develop a safety berm at the quartzite quarry. As discussed, it is proposed that disturbance of the area between the quartzite quarry and the road be kept to a minimum, as this area already has a well-established grass cover and disturbance will result in the germination of invader plant species. If possible, the safety berm must be covered with topsoil as soon as it is in place and seeded with an indigenous grass mix to prevent infestation of problem plants.

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 (2024)	-	Present
• Fauna Sighting Book	-	To be developed
• Financial Provision (2024)	-	Present
• Incident Reports / Flash Reports	-	Present
• Long Term Mine Plan	-	To be developed
• Mine Plan (2025)	-	Present
• Mine Works Programme	-	Present
• 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
• 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 developed
• Monitoring results	-	Dust Monitoring (Present) Water monitoring (To be updated) Fuel Consumption (Present) Electricity Consumption (Present) Waste Generation (Present)

MATTERS TO BE ADDRESSED:

1. Continue the clearing of invader plant species and monitor the cleared sections for reoccurrence;
2. A long term mine plan must be developed that considers final closure;
3. Add environmental matters to the formal minutes of the meetings;
4. Implement concurrent rehabilitation;
5. Open a fauna sightings book;
6. Signpost the overburden stockpiles;
7. Review the water uses of the mine and amend the GA if applicable;
8. Develop a water balance diagram;
9. Take biannual water quality samples, and consider groundwater monitoring;
10. Replace/repair the water pump meter and keep track of the water use;
11. Repair all bunded areas at the mine and file leak proof test results;
12. Clean the salvage yard and remove/repair all equipment leaking hydrocarbons;
13. Request the water laboratory to add a summary and explain the water results;

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

The 2011 EMPR of the quarry was compiled prior to the promulgation of the NEMA EIA Regulations, 2014 and therefore does not fully address the requirements set out in Appendix 4 of GNR 326. However, the Quarry is in the process of amending the mining boundaries through a Section 102 (in terms of the MPRDA) application process, and it is proposed that the EMPR of the Quarry must be updated as part of the Section 102 process.

FINANCIAL PROVISION

This report is accompanied by a reassessment of the financial provision calculation for the year 2025 that amounts to R 6 774 011.14. The 2025 financial provision does not exceed the value of financial guarantee in place at the DMRE and the Right Holder does therefore not have to provide a shortfall amount.

ECO SIGNATURE

NAME:	SIGNATURE:	DATE:
Christine Fouché	<i>Christine Fouché</i>	28 May 2025

PHOTOGRAPHS



Cover placed on skip to prevent scavenging



Generator in closed container



Gas store neatly managed



Bund of used oil storage area to be sealed



Wash bay neatly managed



Drip tray used under stationary machinery



Oil spill kit on site



MSDS's available on site



Rainwater harvesting in progress



Drip tray used at bowser parking area



Bund of diesel tank to be sealed



Problem plants cleared from the berms



Bund to be repaired



Recycling of tin cans



Problem plants cleared from the berms



Problem plants cleared



Old settling dam



Signposted topsoil heap



Problem plants still to be removed from site





Quartzite quarry where rehabilitation will commence on the western section. The grasscover must be protected wherever possible



Sorting of scrap metal into a designated skip



Salvage yard



Old equipment causing spillages at the salvage yard



Old structures being removed



Old container to be removed



Wash plant





FS Ewaste

FS Ewaste (PTY) Ltd

6 Dennis Pooley Street, New East End, Bloemfontein.

Cell: 072 119 5760

E-mail: henriette@fsewaste.co.za

CERTIFICATE OF MANAGED E-WASTE DISPOSAL

Date: 16-05-2025

Certificate no: REF2336

Supplier: Raumix, Bloemfontein – Queenstown Quarry – FSE25-2468

Date goods received: 07-05-2025

To whom it may concern

This serves to certify that FS Ewaste (PTY) Ltd has successfully completed the managed disposal of your Electronic Waste, consisting of Various ICT and other Electronic Equipment, on your behalf.

The items were destroyed and recycled in an environmentally acceptable and approved manner.

Project Name: **RAUMIX – QUEENSTOWN QUARRY**

Total weight: **21.55kg**

We certify that all equipment has been recycled and all national, provincial and local legislation has been upheld.

If you have any queries, please do not hesitate to contact us.

Yours Faithfully
FS Ewaste



Proof of e-waste removal by FS Ewaste

ENVIRONMENTAL PERFORMANCE ASSESSMENT / ENVIRONMENTAL AUDIT REPORT – QUEENSTOWN QUARRY



and Transkei Quarries
Waste Control Register



Area/Mine: Queenstown Quarry	Location: Queenstown	Environmental Control officer: Emadia Beukes	Year: 2024
This register must be completed every time waste is disposed or delivered			

DATE	REMOVED BY	SIGNATURE REMOVER	VEHICLE REG NO	TYPE OF WASTE	QUANTITY OF WASTE	TAKEN TO: NAME OF WASTE SITE	REF NO (WASTE SITE)
13.02	NON-SOSO		HJG526EC	Septic Tank	12 000L	WWTW	INV379
17.02	Enviro-Tech		FVCC43FS	Contaminated soil/oil filters	2730L	Enviro-Tech	ENV00002118
29.02	OPH			General Waste	8m ³	Land-Fill	4743 34743
19.04	Rec-Oil		JFM139EC	Old Oil	600L	rec-oil	17112
31.05	OPH			General Waste	12m ³	Land-Fill	4259 34285
13.06	Rec-Oil		JCM131EC	Old oil	280L	rec-oil	17215
30.06	OPH			General Waste	3m ³	Land-Fill	4878
28.07	JL20KZGP	JL20KZGP		Old Scrap Mantle	0,28 Kg	recycle	00169290
11.09	Rec-Oil		DNS737EC	Old Oil	200kg	rec-oil	17689
03.09	NON-SOSO		HJG526EC	Septic Tank	12000L	WWTW	0941
30.09	OPH			General Waste	3m ³	Land-Fill	5043
31.10	OPH			General Waste	3m ³	Land-Fill	5175
04.11	Rec-oil		FSF044FS	Old oil	100L	rec-oil	18549
30.11	OPH			General Waste	3m ³	Land-Fill	
03.12	Rec-Oil			Old oil	200L	rec-oil	18728

Waste control register



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Email: khayakazi@elidz.co.za
www.elidz.co.za



PO Box 5458, Greenfields
East London, 5208
Lower Chester Road
Sunnyridge, 5201
East London, South Africa

ELIDZ Environmental Chemistry Laboratory

Certificate Of Analysis

Report NO:	EC-2025-00124	Sample Description:	Potable Water
Customer:	Raumix Aggregate	No. of Samples:	01
Address:	PO Box 13057 Arboretum Bloemfontein	Sample Condition:	Cold
		Sample Identification:	Quarry Pit
Contact:	Emadia Beukes		
Phone:	0514332964	Date Received:	13-Feb-2025
		Date Completed:	07-Mar-2025
Order No:		Test Date:	13-Feb-2025
SAMPLE IDENTIFICATION			
	Lab No Sample ID	EC-2025-00124-01 Sample 2 Quarry Pit	
Analysis	Unit	Method	UoM
Chloride	mg/L	MM-CHE026	0.039
Fluoride		MM-CHE028	1.47
Nitrate (dissolved)	mg/L	MM-CHE024	0.253
Nitrite (dissolved)	mg/L	MM-CHE023	<0.037
Total Alkalinity	mg/L	MM-CHE027	2.41
Total Microcystins *		#	<0.15
Aluminium	µg/l	Sub	4.9
Ammonia (dissolved)	mg/L	MM-CHE022	0.011
Arsenic	µg/l	Sub	10.9
Boron	µg/l	Sub	5.8
Barium	ug/L	Sub	5.2
Calcium	mg/l as Ca	Sub	5.6
Cadmium	µg/l	Sub	4.2
Chlorine (free) *	mg/L	MM-CHE021	0.10
Cyanide (free) *	µg/l	Sub	<20
Colour	mg/l	Sub	22
Chromium (total) *	mg/L as Cr	Sub	4.9
Copper	µg/l	Sub	5.3
Electrical conductivity	mS/M	MM-CHE002	3.31

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Test results of the quarry pit water



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T0626

PO Box 5458, Greenfields
East London, 5208
Lower Chester Road
SunnyRidge, 5201
East London, South Africa

ELIDZ Environmental Microbiology

Certificate Of Analysis

Report NO: EM-2025-00189	Sample Description: River water
Customer: Raumix Aggregate	No. of Samples: 01
Address: PO Box 13057 Arboretum Bloemfontein	Sample Condition: Cold
	Sample Identification: Queenstown
Contact: Emadia Beukes	
Phone: 0514332964	Date Received: 13-Feb-2025
Fax:	Test Date: 13-Feb-2025
Order No:	Date Completed: 20-Feb-2025
SAMPLE IDENTIFICATION	
Lab No Sample ID	
EM-2025-00189-01 Sample 3 Oil Separator	
Analysis	Unit
Heterotrophic Plate Count	CFU/mL
E. coli	MPN/100mL
Total Coliforms	MPN/100mL
Method	UoM
MM-MIC001	0.068
MM-MIC002	0.067
MM-MIC002	0.075
	>3000
	86
	>2420

Results of the water from the oil sump



TEST REPORT

Test Description: Semi-Volatile Organic Compounds

Test Method: EPL-T-020

56385B

Client and Project Information

Client: A.L. Abbott & Associates (Pty) Ltd

Address: P.O.Box 483
Woodstock
7915

Attention: Natasia van Binsbergen

Tel: (021) 448-6340

Email: info@alabbott.co.za

Project number: 5628

Project name: No.85

Sample Information

Sample ID: 5628

Dilution: No Dilution

Container: Plastic

Matrix: Water

Storage: Fridge at 0-6°C

Date Received: 2025/02/20

Date Analysed: 2025/02/25

Date Issued: 2025/02/27

Polycyclic Aromatic Hydrocarbons

PARAMETER	RESULT
Naphthalene	0.1 µg/liter
Acenaphthene	0.2 µg/liter
Acenaphthylene	<0.1 µg/liter
Fluorene	<0.1 µg/liter
Phenanthrene	<0.1 µg/liter
Anthracene	<0.1 µg/liter
Fluoranthene	<0.1 µg/liter
Pyrene	<0.1 µg/liter
Benzo(a)anthracene	<0.1 µg/liter
Chrysene	<0.1 µg/liter
Benzo(b+k)fluoranthene	<0.2 µg/liter
Benzo(a)pyrene	<0.1 µg/liter
Benzo(g,h,i)perylene	<0.2 µg/liter
Dibenz(a,h)anthracene	<0.2 µg/liter
Indeno(123-cd)pyrene	<0.2 µg/liter

Chlorinated Compounds

PARAMETER	RESULT
1,2-Dichlorobenzene*	<0.2 µg/liter
1,3-Dichlorobenzene*	<0.2 µg/liter
1,4-Dichlorobenzene*	<0.2 µg/liter
2-Chloronaphthalene*	<0.2 µg/liter
Hexachlorobenzene*	<0.2 µg/liter
Hexachloroethane*	<0.2 µg/liter
1,2,4-Trichlorobenzene*	<0.2 µg/liter
4-Chlorophenylphenyl ether*	<0.2 µg/liter
4-Bromophenylphenyl ether*	<0.2 µg/liter

Phthalates

PARAMETER	RESULT
Di-n-butyl phthalate*	<20 µg/liter
Butyl benzyl phthalate*	<20 µg/liter
Bis(2-ethylhexyl) phthalate*	<20 µg/liter

Results of the water from the oil sump

Client and Project Information

Client: A.L. Abbott & Associates (Pty) Ltd
Address: P.O.Box 483
Woodstock
7915

Attention: Natasia van Binsbergen
Tel: (021) 448-6340
Email: info@alabbott.co.za

Project number: 5628
Project name: No.85

Sample Information

Sample ID: 5628
Dilution: No Dilution
Container: Plastic

Matrix: Water
Storage: Fridge at 0-5°C

Date Received: 2025/02/20
Date Analysed: 2025/02/21
Date Issued: 2025/02/27

Mono-Aromatic Hydrocarbons

<u>PARAMETER</u>	<u>RESULT</u>
Benzene	<1 µg/liter
Toluene	<10 µg/liter
Ethylbenzene	<2 µg/liter
m-p-Xylene	<4 µg/liter
o-Xylene	<2 µg/liter
1,3,5-Trimethylbenzene	<2 µg/liter
1,2,4-Trimethylbenzene	<2 µg/liter
n-Propylbenzene	<2 µg/liter
tert-Butylbenzene	<2 µg/liter
sec-Butylbenzene	<2 µg/liter
n-Butylbenzene	<2 µg/liter
Isopropylbenzene	<2 µg/liter
Styrene	<5 µg/liter
4-Isopropyltoluene	<5 µg/liter

Bromo/Chlorobenzenes

<u>PARAMETER</u>	<u>RESULT</u>
Bromobenzene	<2 µg/liter
Chlorobenzene	<2 µg/liter
1,2-Dichlorobenzene	<2 µg/liter
1,3-Dichlorobenzene	<2 µg/liter
1,4-Dichlorobenzene	<2 µg/liter
1,2,3-Trichlorobenzene	<2 µg/liter
1,2,4-Trichlorobenzene	<2 µg/liter
1,3,5-Trichlorobenzene	<2 µg/liter



Polyaromatic Compounds









<u>PARAMETER</u>	<u>RESULT</u>
Naphthalene	<2 µg/liter

Volatile Brominated/Chlorinated Hydrocarbon

<u>PARAMETER</u>	<u>RESULT</u>
Bromoform	<5 µg/liter
Chloroform	<5 µg/liter
Carbon Tetrachloride	<5 µg/liter
Trichloroethene (TCE)	<5 µg/liter
Dibromomethane	<10 µg/liter
Dichloromethane	<50 µg/liter
Bromochloromethane	<50 µg/liter
Bromodichloromethane	<10 µg/liter
Dibromochloromethane	<2 µg/liter
1,2-Dibromoethane	<2 µg/liter
1,2-Dichloroethane	<10 µg/liter
Tetrachloroethene	<2 µg/liter
1,1,1-Trichloroethane	<5 µg/liter
1,1,2-Trichloroethane	<5 µg/liter
Hexachlorobutadiene	<2 µg/liter
1,1,1,2-Tetrachloroethane	<10 µg/liter
1,1,2,2-Tetrachloroethane	<10 µg/liter
2-Chlorotoluene	<2 µg/liter
4-Chlorotoluene	<2 µg/liter
1,1-Dichloroethane	<10 µg/liter
1,1-Dichloroethane	<10 µg/liter
cis-1,2-Dichloroethane	<10 µg/liter
trans-1,2-Dichloroethane	<10 µg/liter
1,2-Dichloropropane	<10 µg/liter
1,3-Dichloropropane	<10 µg/liter
2,2-Dichloropropane	<10 µg/liter
1,2,3-Trichloropropane	<10 µg/liter
1,1-Dichloropropene	<5 µg/liter
cis-1,3-Dichloropropene	<5 µg/liter
trans-1,3-Dichloropropene	<5 µg/liter

Results of the water from the oil sump

 RAUMIX Aggregates (Pty) Ltd 2014/01/15/2014/01/15/2014/01/15	Kaumix Aggregates (South) and Transkei Quarries SHEQ MANAGEMENT SYSTEM – ISO 45001 Alien Invasive Species Removal Register	 TRANSKEI QUARRIES (Pty) Ltd 2014/01/15/2014/01/15/2014/01/15

DATE	SPECY NAME	LOCATION	REMOVAL METHOD	DISPOSAL METHOD	COORDINATOR	MANAGER SIGNATURE
08.01.25	Tabaco Plant	02	manual	1m Trench	Emadia Beukes	
09.01.25	Tabaco Plant	02	manual	1m Trench	Emadia Beukes	
13.01.25	Tabaco + Resin	05	manual	1m Trench	Emadia Beukes	
14.01.25	Tabaco + Resin	06	manual	1m Trench	Emadia Beukes	
21.01.25	fountain Grass	06	Manual	1m Trench	Emadia Beukes	
03.02.25	fountain Grass	10	manual	1m Trench	Emadia Beukes	
03.02.25	Resin Bush	10	manual	1m Trench	Emadia Beukes	
05.02.25	Tabaco Plant	09	manual	1m Trench	Emadia Beukes	

Alien invader plant species removal register

ALIEN INVASIVE SPECIE MANAGEMENT ACTION PLAN

