

**GRANITE/SYNEITE MINE ON A PORTION OF PORTION 2 AND
REMAINING EXTENT OF THE FARM AROAMS 57, AGGENEYS
NORTHERN CAPE PROVINCE.**



**ENVIRONMENTAL PERFORMANCE
ASSESSMENT REPORT**

REFERENCE NUMBER	NC 30/5/1/3/2/10746 MP
AUDIT PERIOD	MARCH 2025

Prepared For:

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1. PROJECT SPECIFIC DETAIL

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ITEM	LOCATION AND AREA INFORMATION
Site Name	Aroams Quarry 3
Property Description	Portion 2 of the farm Aroams 57 and Remaining Extent
Location	The mining area is situated on Portion 2 of the farm Aroams 57 approximately 20 km north-east of Aggeneys. The N14 borders the mining area approximately 2.5 km to the south. <i>(Overlapping previously mined areas)</i>
Size of Mining Area	NC 30/5/1/3/2/10746MP – 5 ha

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ENVIRONMENTAL PERFORMANCE ASSESSMENT AROAMS QUARRY- LIME SALES



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2. ENVIRONMENTAL AUDIT REPORT

PROJECT DETAIL

Permit number:	NC 30/5/1/3/2/10746MP	Date of commencement:	January 2021
Site name:	Aroams Quarry	Inspection date:	27 March 2025
Contractor:	LIME SALES LTD	Other authorisations: Plant removal	FLORA 0007/2024
Report number:	14		

DETAIL OF AUDITOR *(APPENDIX 7 SUB-REGULATION 3(A) & (B)):*

ECO:	Murchellin Saal
EXPERTISE:	Mrs. MD Saal has 14 years of experience in environmental legal compliance audits, (GIS) geographic information system, mining right and permit applications and applications for environmental authorisations & Water use applications.
DECLARATION OF INDEPENDENCE:	<p>I Murchellin Saal Registration: 2021/4203 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 2017). <div style="text-align: center; margin-top: 20px;">  Signature of ECO </div> <div style="text-align: right; margin-top: 10px;"> Date: 28 March 2024 </div>

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 2017).

OBJECTIVE:

The objective of the environmental audit report (EAR) is to evaluate compliance of the operational activities with the Environmental Management Programme Report, 2014 (EMPR) as approved by the Department of Mineral Resources in 2015.

INSPECTED AREAS:

The inspection included an assessment of the following areas:

- Access road;
- Weighbridge with offices;
- Stockpile area;
- Crushing area;
- Storage and ablution facilities; and
- Quarry Pit

In order to establish the environmental compliance assessment of the operation the mining site was inspected on foot by the Environmental Control Officer, Murchellin Saal, of Greenmined Environmental.

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 gathered from site management. No uncertainties or gaps in knowledge could be identified that is applicable during this audit period.

LOCATION

Site location:

The mining area is situated on Portion 2 of the farm Aroams 57 approximately 20 km north-east of Aggeneys. The N14 borders the mining area approximately 2.5 km to the south.

The area earmarked for the mining falls on a section of the farm that was previously used as an existing quarry. Lime Sales quarry is located over a section of the current SPH Kundalila Quarry whereby these mining permits will overlay each other.

The mining methods will make use of blasting means of explosives to loosen the hard rock, the material is then loaded and hauled out of the excavation, where primary crushing is conducted in the pit, to the mobile crushing and screening plants. Lime Sales will be using the existing processing area that SPH Kundalila have been using. Potential expansion (less than 1ha) of this proposed processing area will take place. The proposed site will include a section of the old Raumix Mining Permit area that was not utilized during the Raumix mining permit time.

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Site map:




	DECIMAL DEGREES	DEGREES MINUTES SECONDS
Site Coordinates:	A – 29.169714°S; 18.991503°E	A 29°10'10.97"S 18°59'29.41"E
	B – 29.169424°S; 18.993927°E	B 29°10'9.93"S 18°59'38.14"E
	C – 29.169963°S; 18.993924°E	C 29°10'11.87"S 18°59'38.13"E
	E - 29.170214°S; 18.994001°E	E 29°10'12.77"S 18°59'38.40"E
	F - 29.170657°S; 18.994091°E	F 29°10'14.37"S 18°59'38.73"E
	G - 29.170624°S; 18.994532°E	G 29°10'14.25"S 18°59'40.31"E
	H - 29.171368°S; 18.994995°E	H 29°10'16.92"S 18°59'41.98"E
	I - 29.171830°S; 18.992989°E	I 29°10'18.59"S 18°59'34.76"E

PROJECT DESCRIPTION

Aroams Quarry entails the extension of the existing quarry.

Lime Sales Limited holds an active Mining permit (Permit No: MP 15/2020) with reference number NC30/5/1/3/2/10746MP) for mining Granite/syenite over 5 ha of the above-mentioned property.

January 2021 marked the start of mining for permit 10746MP, final renewal was submitted September 2024, pending outcome.



Figure 1: Location of the Lime Sales mining permit 10746MP (blue polygon) that this audit is based on. (Image obtained from Google Earth).

Green area shows the (previous permit held by SPHK) and Red areas shows the (previous permit area held by Raumix). These areas remain unclosed.

The SPHK mining permit bordered a mining permit (Permit No: MP 006/2012, with reference number NC30/5/1/3/2/10052MP) which was held by Raumix Aggregates (Pty) Ltd (Raumix) over 1.5 ha of the property. A closure application for this permit was submitted to the DMRE upon lapse of the third renewal of the permit. However, as the SPHK mining area (10400 MP) took access through the Raumix permit area (10052MP) and made use of the same processing area, the closure application could not be finalised until such time as the SPHK mining area was rehabilitated.

In light of this, Raumix signed the rehabilitation liability of its permit (10052MP) over to SPHK who should rehabilitate the entire area (10400MP & 10052MP) upon lapse of the SPHK mining permit.

In 2021, A new mining permit came into effect for Lime sales permit 15/2020 this permit overlaps the previously mined areas and therefore a transfer of liabilities was submitted to DMRe in February 2021 from SPH Kundalila Pty Ltd Registration 1997/015857/07 to Lime Saled Ltd Registration: 1949/03356/06 from where it will eventually be taken over by Aroams Quarry Pty Ltd Registration: 2019115729/07.

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SITE CONDITIONS

Warm and sunny weather conditions.

REPORTABLE ENVIRONMENTAL INCIDENTS

INCIDENT DATE:	No environmental incidents were reported during the audit period.
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 EMPR
NON-COMPLIANCE SCORE	DESCRIPTION
1	LOW – Mitigation not needed / mitigation measures to be maintained
2	MEDIUM – Mitigation should be considered
3	HIGH – Mitigation compulsory

ENVIRONMENTAL PERFORMANCE ASSESSMENT AROAMS QUARRY

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 2017)	N/A	-	N/A	DMRE deems the approved EMPR and MP of the quarry compatible with an Environmental Authorisation in terms of NEMA, 1998. However, it is currently being disputed if the explosion destruction bay will require an amended Empr.
Copy of the EA and EMPR available on site	5	-	Compliant	EA and EMPr is available in the site file.
Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002)	5	-	Compliant	Lime sales mining commenced in January 2021, pending DMRe approval of the final renewal submitted in September 2024.
Mining permit available on site	5	-	Compliant	A copy of the mining permit is available in the site file.
National Environmental Management: Air Quality Act, 2004 (Act No 39 of 2004)	N/A	-	N/A	The operations at the quarry does not trigger the NEM:AQA, 2004.
National Environmental Management: Waste Act, 2008 (Act No 59 of 2008)	5	-	Compliant	Although the operations do not require a waste use licence, refuse generated at the mine is handled in accordance with the NEM:WA, 2008.
National Water Act, 1998 (Act 36 of 1998)	5	-	Compliant	N/A - Sedibeng Municipal water
Copy of Water Use Authorisation available on site.	N/A	-	N/A	N/A - Sedibeng Municipal water
National Environmental Management: Biodiversity Act, 2004 (Act No 10 of 2004) (NEM:BA)	5	-	Compliant	Flora permit 0007/2024 period of two years expires 5 February 2026. Plants clearly marked and recorded.

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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Hazardous Substances Act, 1973 (Act 15 of 1973)	5	-	-	Neatly intact and stored in sealed bins.
ASPECTS OF THE AFFECTED ENVIRONMENT				
TOPSOIL AND OVERBURDEN MANAGEMENT (EMPR PG 15, 45)				
Topsoil stripping and stockpiling done	5	-	Compliant	Where applicable the topsoil was stripped prior to commencement. However, the area has very little topsoil as the rock is found at surface level.
Topsoil storage (heaps not exceeding 2 m)	5	-	Compliant	
Overburden stripped & stockpiled	N/A	-	-	Due to the nature of the area no overburden needs to be stockpiled.
Topsoil heaps vegetated	5	-	Compliant	Plants established through succession on the stockpiles.
Stockpiles monitored for erosion, weeds and foreign matter	5	-	Compliant	Stockpiles are on levelled areas and regularly monitored for weeds, at the time of inspection the stockpiles appeared to be weed free and well mannered.
Topsoil returned to rehabilitated area	N/A	-	-	Not yet applicable.
VEGETATION (EMPR PG 16, 42, 46)				
Protected plants (if any) sheltered from mining activities	5	-	Compliant	FLORA Permit: 0007/2024- The plants were relocated to a safe area outside of the mining footprint. It was noted that most of the plants had been damaged by wild rabbits.
Removal of vegetation limited to smallest possible area.	5	-	Compliant	<ul style="list-style-type: none"> As discussed on site, only the footprint of the 5ha mining area may be cleared of vegetation. The client has remained within the boundaries. No natural (undisturbed) areas within the footprint of the processing area may be disturbed prior to the removal of the abovementioned protected plants. The access road has been diverted behind the office building in line with the previous walkway. The access road is 4m wide and extended with 186m.

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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
				<ul style="list-style-type: none"> Additional material will be stockpiled inside the quarry pit to prevent to ensure that the area size does not increase.
Aliens & weeds controlled on site	5	-	Compliant	The overall appearance of the site was free of weeds/invader plants.
No collection of firewood allowed	5	-	Compliant	-
FAUNA (EMPR PG 17, 46)				
All animals, birds and reptiles protected on site	5	-	Compliant	No fauna has been encountered on-site as noted from the management. Also, the site management conducted the environmental inductions and covered the aspect of faunal protection on-site. Operation pit provides an escape route for trapped animals
Excavations daily monitored for trapped fauna	5	-	Compliant.	-
AIR QUALITY (EMPR PG 17, 41) AND NOISE (EMPR PG 42)				
Dust monitoring plan implemented	5	-	Compliant.	.
Dust suppression implemented	5	-	Compliant	To date, reports have confirmed that there have been no exceedances.
Speed on access roads limited to 40km/h	5	-	Compliant.	Speed signage boards are visible on the access roads.
Mining equipment serviced regularly to ensure noise emissions are minimized	5	-	Compliant.	
No load music permitted on site	5	-	Compliant.	-
Residents on the property and the surrounding area informed in any unusual noise activities are planned.	5	-	Compliant.	On July 20, 2023, blasting operations were conducted, and the adjacent landowner was informed through WhatsApp. In 2024, law enforcement carried out a standard inspection and mandated the establishment of an explosives destruction bay within a 30-day timeframe. The client has complied with this requirement in accordance with the blasting regulations, utilizing a previously cleared area measuring 10x10 meters. The enclosed combustion structure will

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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
				effectively contain a fire and should therefore not trigger an amended Empr.
ARCHAEOLOGICAL AND CULTURAL INTEREST (EMPR PG 16)				
Archaeological and/or cultural remnants protected	N/A	-	-	To date no archaeological and/or cultural remnants have been uncovered.
SURFACE AND STORM WATER MANAGEMENT (EMPR PG 17, 43)				
Storm water diverted around the mining area and access roads to prevent erosion	5	-	Compliant.	-
Borehole metered and water use recorded	N/A	-	-	N/A
Mining conducted in accordance with the Best Practice Guidelines for small scale mining	5	-	Compliant	-
Areas with erosion reinstated	N/A	-	-	No erosion concerns were noted on site.
VISUAL EXPOSURE (EMPR PG 16, 41)				
Is the contractor implementing good visual and housekeeping standard?	5	-	Compliant	During the inspection, the mining area was found to be in pristine condition. However, the removal of stored generators and other equipment left some residue behind, which should be cleaned.
Height of product stockpiles determined based on visibility of site	5	-	Compliant	Due to the remote location of the quarry pit, site visibility is not a major concern. It was recommended to store product heaps at a greater height to reduce the required footprint.
HAZARDOUS CHEMICAL MANAGEMENT (EMPR PG 18)				
Hazardous material stored within a bunded area (110% capacity)	5	-	Compliant	Hazardous materials were stored in bunded areas, which were deemed sufficient at the time of inspection. A designated area was allocated for used oil.
Management of fuel and oil spills	5	-	Compliant	<ul style="list-style-type: none"> Bunded areas of the generators, and diesel tanks are formalised with steel pans.

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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
				<ul style="list-style-type: none"> The use of drip trays under all stationary vehicles is compulsory and is implemented to prevent spillages/dripping equipment contaminating the area.
Drip trays present when refuelling is done outside the service bay	5	-	Compliant	<ul style="list-style-type: none"> Drip trays were present under vehicles. At the time of inspection, no refuelling was done. However, the bowser nozzle was fitted with a drip tray and the surrounding area was visibly clean.
Temporary work bays for emergency repairs must be provided with a concrete floor or lining. Supplied with oil trap.	5	-	Compliant	<ul style="list-style-type: none"> When emergency repairs are needed on site, drip trays are used as a mitigation measure. All major services are done at Aggeneys. The construction of a workshop will take place once the MR is executed, currently the commencement date of the MR has been postponed.
Mining equipment mechanically sound, without visible oil leaks	5	-	Compliant	This appeared to be true at the time of the inspection.
WASTE MANAGEMENT (EMPR PG 18, 44)				
Site free of day-to-day litter	5	-	Compliant	At the time of the inspection the housekeeping and litter management was in pristine condition.
Hazardous waste stored in a level area with impermeable floor	5	-	Compliant	Hazardous waste was stored in the correct manner. No hazardous spills were noted during inspection.
Hazardous and general waste stored separately	5	-	Compliant	The last waste removal as per photo report, 18 March 2024.
General waste dumped at a recognised landfill site	5	-	Compliant	<ul style="list-style-type: none"> The general waste is discarded at the Aggeneys waste disposal area. The mine has various bins to assist with recycling. Proof of removal included in photo report.
Spill kits available on site	5	-	Compliant	Oil Spill kit drums were clearly marked and noticeable on-site.
No waste burned on site	5	-	Compliant	-
Hazardous waste removed by a registered waste handling contractor	5	-	Compliant	<ul style="list-style-type: none"> Oilkol removes used oil from the site. Last removal was done March 2024, proof in photo report.

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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Waste disposal permits on site	5	-	Compliant	<ul style="list-style-type: none"> Sanco cleaned the septic tanks, 18 March 2023 General Waste removals were done on 18 March 2024, proof attached in photo report. The other hazardous waste (oily rags, contaminated soil etc.) is removed to Aggeneys.
No waste stockpile area allowed outside the boundaries of the mining area	5	-	Compliant	-
Suitable covered receptacles available always and conveniently placed for the disposal of waste	5	-	Compliant	All bins were covered and neatly kept within limits.
Contaminated water contained and removed from site	5	-	Compliant	
Integrated waste management approach implemented on site	5	-	Compliant	-
POTABLE WATER AND ABLUTION FACILITIES (EMPR PG 18)				
Ablution facilities available on site	5	-	Compliant	Ablution facilities available at the workshop as well as the office and weighbridge area. Workers are allowed to make use of the ablution facilities at the office area as well.
Potable water available on site for use of workers	5	-	Compliant	Potable water available on site for use of workers. Proof in photo report.
Sewerage disposed of by a registered waste collector	5	-	Compliant	
FIRE MANAGEMENT				
Firefighting equipment available on-site	5	-	Compliant	New firefighting equipment on site.
No open fires at mining site allowed	5	-	Compliant	-

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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Explosives destruction bay	5	-	Compliant	<p>The directive issued by law enforcement: in accordance with blasting, Regulation.</p> <ul style="list-style-type: none"> Empty explosives cardboard boxes and plastic bags must be over inspected and flattened to ensure that they are clear and free of any explosives and accessories before they are burned after the blast in the designated Burning Bay by the appointed Blaster and must be recorded in writing and kept for a period of three (3) years.
MINE AND EQUIPMENT MANAGEMENT (EMPR PG 17)				
Mining area demarcated with visible beacons	5	-	Compliant	The extension area, 10746MP, is clearly marked and visible with white poles.
Mining conducted within approved footprint area	5	-	Compliant	Mining conducted within the demarcated and approved Lime Sales MP 10746Mp, marked in blue in figure 1. The existing processing and stockpile area is still used as per agreement.in the 10040MP area and will not exceed the already disturbed area. An aerial photo in support of activities is included in the photo report.
Mine operational within hours as stipulated in the EMPR	5	-	Compliant	-
Public complaints register maintained on site	5	-	Compliant	-
Incident register maintained on site	5	-	Compliant	Environmental / Accident register completed and included in photo report.
Emergency preparedness plan implemented on site	5	-	Compliant	-
BLASTING (EMPR PG 43)				
Surrounding land users informed of blasting events.	5	-	Compliant	The last blasting took place on June 20, 2023, with landowners notified via WhatsApp.

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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Measures implemented to limit fly rock.	5	-	Compliant	
Fly rock that falls beyond the working area, collected and removed.	5	-	Compliant	
ACCESS ROADS, VEHICLES AND TRANSPORTING OF MATERIAL (EMPR PG 17, 45)				
Access road maintained	5	-	Compliant	An extension to the access road leading to site was constructed behind the office building merging with the previous walk way. <ul style="list-style-type: none"> New walkways implemented at the parking bays, workshop and quarry areas. Extension of approximately 186m length and 4m width.
Vehicle repairs only conducted in service bay area, and waste products disposed of in containers/bins	5	-	Compliant	Minor services are done in the service bay area and all necessary precautions are taken.
Mining equipment serviced regularly to ensure noise emissions are minimized	5	-	Compliant	
All mining earth-moving equipment & vehicles operating within site boundaries preventing crisscrossing	5	-	Compliant	The new access roads are designed to separate heavy and light vehicles, preventing criss crossings.
EMPLOYEE AND SAFETY MANAGEMENT (EMPR PG 43)				
No camping allowed on the mining area	5	-	Compliant	-
Workers inducted and informed of EMP conditions within last 12 months.	5	-	Compliant	Regular toolbox talks are aligned with conditions set out in the EMPr.

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DESCRIPTION	COMPLIANCE SCORE	NON-COMPLIANCE SCORE	STATUS	COMMENTS
Proof of training available	5	-	Compliant	-
Workers provided with PPE	5	-	Compliant	-
Are there signs present, indicating the mining site and speed restrictions	5	1	Compliant.	All Signs are clearly visible at the entrance road, quarry area and overall mining site.
Effective access control to prevent unauthorised entry.	5	-	Compliant.	The site has a lockable entrance gate, security house and guard with a register to control access and prevent unauthorised entry.

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

No written comments or complaints were received from any of the surrounding I&AP's.

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

Date of previous EAR/EPA:	Lime sales commenced in January 2021. The previous EPA was done in January 2025.
Proof of submission to DMRE available:	The previous annual submission made to Dmre was in March 2023.
EAR/EPA compiled by independent person with environmental auditing expertise:	The previous ECO was compiled by Mrs Murchellin Saal of 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 report is available on site to be viewed by I&APs as well as the website of www.greenmined.co.za

GENERAL REPORT

Compliance of the mining site with the EMPR was reviewed during the site assessment. The mining area recorded a compliance score of 99.70% for March 2025 audit period.

Aroams Quarry 3 commenced with initial mining for Lime Sales Ltd in January 2021, a renewal application was submitted in September still pending outcome. Mining permit lapses in November 2025.

The boundary of the quarry is neatly demarcated, and the fence extended to include the quarry and keep livestock from wandering into the mining area. A lookout point providing a clear overview of the entire quarry pit area is in place. All boundary markers area visible with white poles.

Hazardous substances and waste handling:

The generators are fitted with formal bunds with a 110% capacity. No contaminated soil was seen on site. Drip was placed and visible under all stationary vehicles.

Protected Plants:

A Plant permit was approved for a period of 2 years – Flora 0007/2024.

The following plants of importance has to date been noted on site (refer to Photographs for examples):

- *Avonia papyracea* (Gansmis)- 29°10'21.02"S; 18°59'53.91"E
- *Crassula coralina* - 29°10'21.34"S; 18°59'54.14"E

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- *Ebracteola spp.*-
29°10'21.56"S; 18°59'54.35"E
29°10'25.01"S; 18°59'53.65"E
- *Mesembryanthemum guerichianum* (Soutslaai)
- *Hoodia gordonii* (Jakkalsghaap / ghobba / muishondghaap)

Plants were clearly marked and moved to the immediate adjacent location outside of mining area to ensure the safeguarding. However, due to wild rabbits in the area some of these plants were scratched out.

General:

The site was in pristine condition at the time of inspection, the salvage yard is well kept, and all storage areas were neat. A lockable entrance gate, security house and guard with sign in register controls access and prevent unauthorised entry.

A directive was issued by law enforcement in 2024: in accordance with blasting, Regulation. The client has complied with this requirement in accordance with the blasting regulations, utilizing a previously cleared area measuring 10x10 meters. The enclosed combustion structure will effectively contain a fire and should therefore not trigger an amended Empr.

Empty explosives cardboard boxes and plastic bags must be over inspected and flattened to ensure that they are clear and free of any explosives and accessories before they are burned after the blast in the designated Burning Bay by the appointed Blaster and must be recorded in writing and kept for a period of three (3) years.

Dust Fallout dust monitoring:

Below is a list of the previous results from December 2022 to November 2023

Month	Unit 1	Unit 2	Unit 3	Unit 4
Nov- Dec 2023	64mg/m2/day Compliant	55mg/m2/day Compliant	89mg/m2/day Compliant	34mg/m2/day Compliant
Dec – Jan 2024	66 mg/m2/day in Compliant	27 mg/m2/day in Compliant	25 mg/m2/day in Compliant.	81 mg/m2/day in Compliant
Jan – Feb 2024	21 mg/m2/day in Compliant	46 mg/m2/day Compliant	67 mg/m2/day Compliant	79 mg/m2/day Compliant
Feb – March 2024	35 mg/m2/day in Compliant	38 mg/m2/day in Compliant	63 mg/m2/day in Compliant.	39 mg/m2/day in Compliant
March – April 2024	18 mg/m2/day in Compliant	28 mg/m2/day in Compliant	30 mg/m2/day in Compliant.	20 mg/m2/day in Compliant
April – May 2024	27 mg/m2/day in Compliant	19 mg/m2/day in Compliant	97 mg/m2/day in Compliant.	35 mg/m2/day in Compliant
May- June 2024	45 mg/m2/day in Compliant	42 mg/m2/day in Compliant	70 mg/m2/day in Compliant.	37 mg/m2/day in Compliant
June- July 2024	49 mg/m2/day in Compliant	27 mg/m2/day in Compliant	59 mg/m2/day in Compliant.	54 mg/m2/day in Compliant
July – Aug 2024	13 mg/m2/day in Compliant	21 mg/m2/day in Compliant	19 mg/m2/day in Compliant.	21 mg/m2/day in Compliant
Aug- Sep 2024	27 mg/m2/day Compliant	82 mg/m2/day Compliant	16 mg/m2/day Compliant	29 mg/m2/day Compliant
Sept – Oct 2024	49 mg/m2/day Compliant	43 mg/m2/day Compliant	32 mg/m2/day Compliant	64 mg/m2/day Compliant
Oct – Nov 2024	25 mg/m2/day Compliant	36 mg/m2/day Compliant	86 mg/m2/day Compliant	15 mg/m2/day Compliant

DOCUMENT CHECKLIST (ENVIRONMENTAL FILE):

- Environmental Management Plan - Present
- Mining Permit - Present
- Regulation 2(2) Mine Plan - Present
- Financial Provision Calculation - Present
- Environmental Assessment Report - Present
- Incidents/Accidents Register - Present
- Complaints Register - Present
- Environmental Awareness Training - Present as part of the EMPR
- Proof of Waste Disposal
 - General Waste - Present
 - Hazardous Waste - Present
 - Liquid Waste - Present
- Fallout Dust Monitoring Reports - Present
- Hazardous Substances Inventory - Present
- Material Safety Data Sheets - Present
- Plant relocation and transport permit Present 0007/2024

POSITIVE FINDINGS:

The site is maintained in an orderly and tidy manner. Salvage yards and storage areas have been organized and now effectively accommodate materials. Housekeeping standards are exemplary. There is no oil spills present on the premises. All waste receptacles are covered and operating within their capacity.

As per instruction from Law Enforcement: a designated explosive bay was erected in accordance with the Blasting regulations on an already cleared area within the mining permit area.

TO BE ADDRESSED

The area cleared behind the workshop must be cleaned of any remaining residue.

ABILITY OF EMPR TO ADEQUATELY MANAGE OR MITIGATE ENVIRONMENTAL IMPACTS (APPENDIX 7 SUB-REGULATION 3(E)):

It is believed that the EMPR adequately manage and/or mitigate environmental impacts at the mining area. The Lime sales permit does make provision for the addition of a workshop and wash bay.

ENVIRONMENTAL PERFORMANCE ASSESSMENT AROAMS QUARRY- LIME SALES

NEED FOR AMENDMENT OF THE EMPR:

No need for the amendment of the EMPR could be identified during the site assessment. The EMPR still adequately addressed the impacts that the mining activities could have on the receiving environment.

FINANCIAL PROVISION:

Transfer of Environmental Liabilities in terms of Regulation 58 of the Mineral and Petroleum Resources Development Act, 28 of 2002 for Mining permit and related infrastructural activities on a portion of portion 2 of the Farm Aroams no 57, was approved on 11 August 2021.

When the right takes over the client can apply for closure on both the SPH and Lime sales permits. A motivation must be included that explains the reasons why no rehabilitation can be done due to the right overlapping and taking over the entire mining permit area for both previous, SPH and Lime Sales.

The 2025 financial provision required to rehabilitate the mining area in accordance with the Guideline Document for the Evaluation of the Quantum of Closure-related Financial Provision by a Mine and as prescribed in terms of Regulation 54 (1) is R185 064.07.

The 2025 financial provision does not exceed the value of financial guarantee in place at the DMR and therefore the Permit Holder does not have to provide a shortfall

ECO SIGNATURE

NAME:	SIGNATURE:	DATE:
Murchellin Saal		31 March 2025

PHOTOGRAPHS

MINE ENTRANCE, ACCESS ROAD AND SIGNAGE BOARDS





OFFICE AREA & PARKING AREA



WEIGHBRIDGE

TEST RAMP



FORMALISED BUND AREA

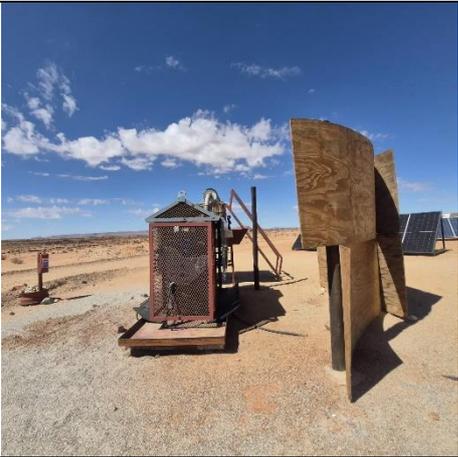


FIRE EXTINGUISHERS



FORMALISED GENERATOR

TOILETS



SOLAR PANELS



BUNDED OIL TANK

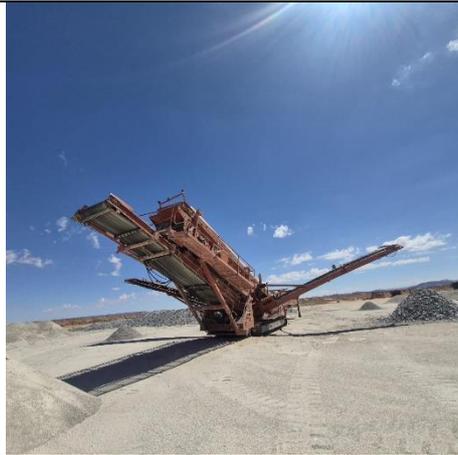


UNDISTURBED AREA AND WALK WAYS



MACHINERY PARKING AREA WITH DRIP TRAYS



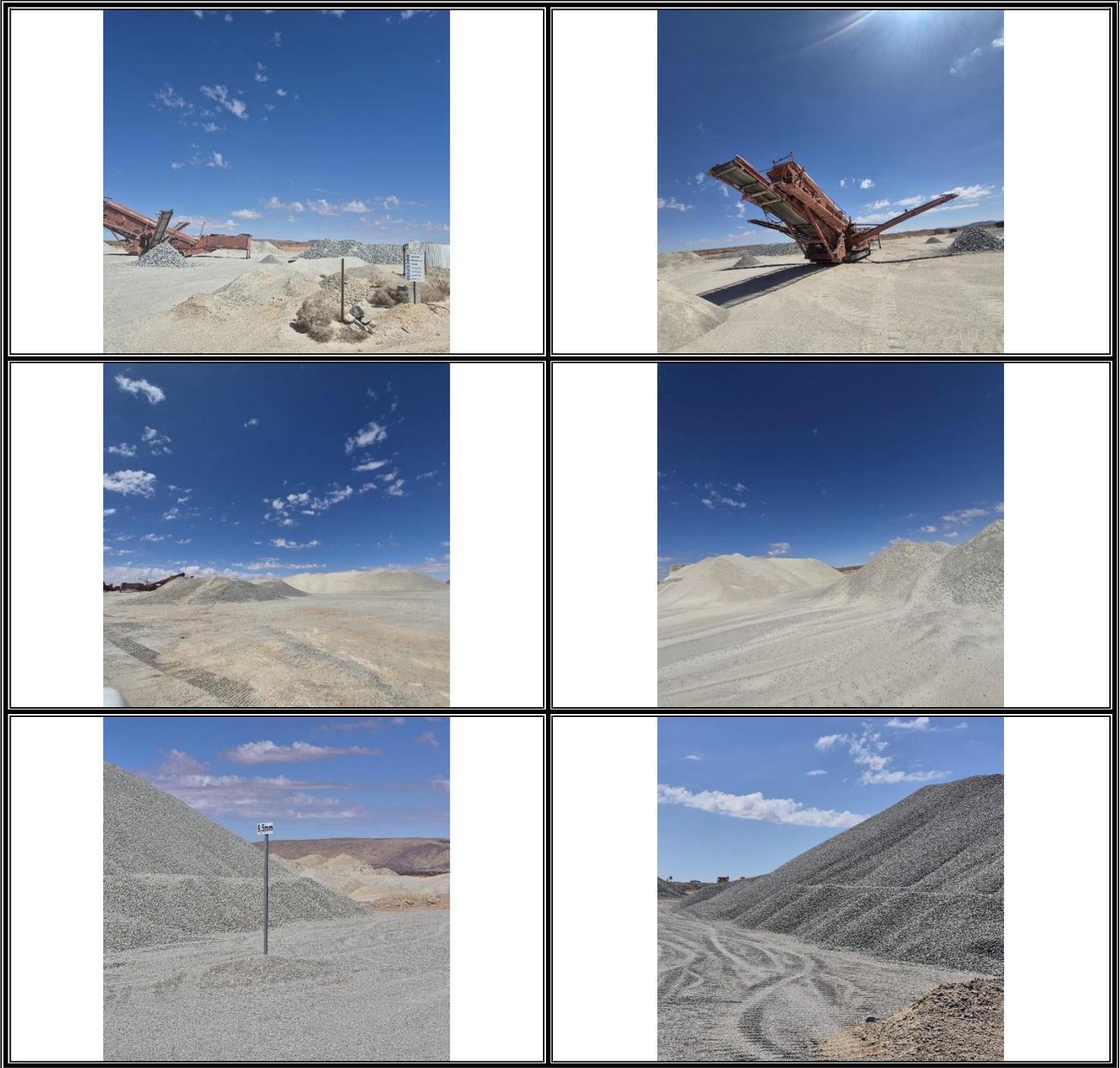


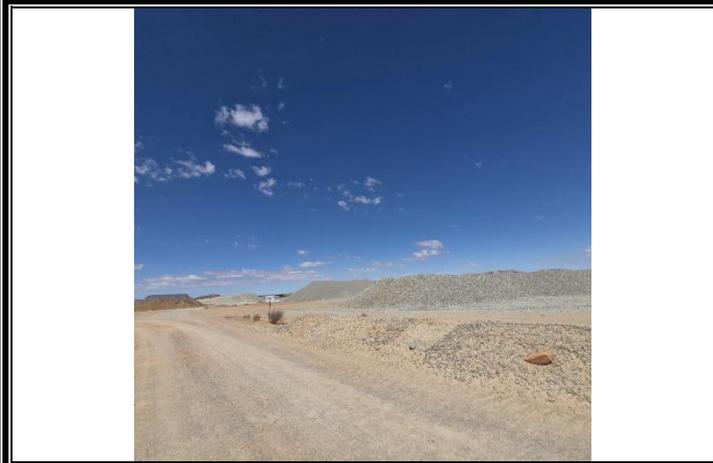
WORKSHOP AND STORAGE AREA





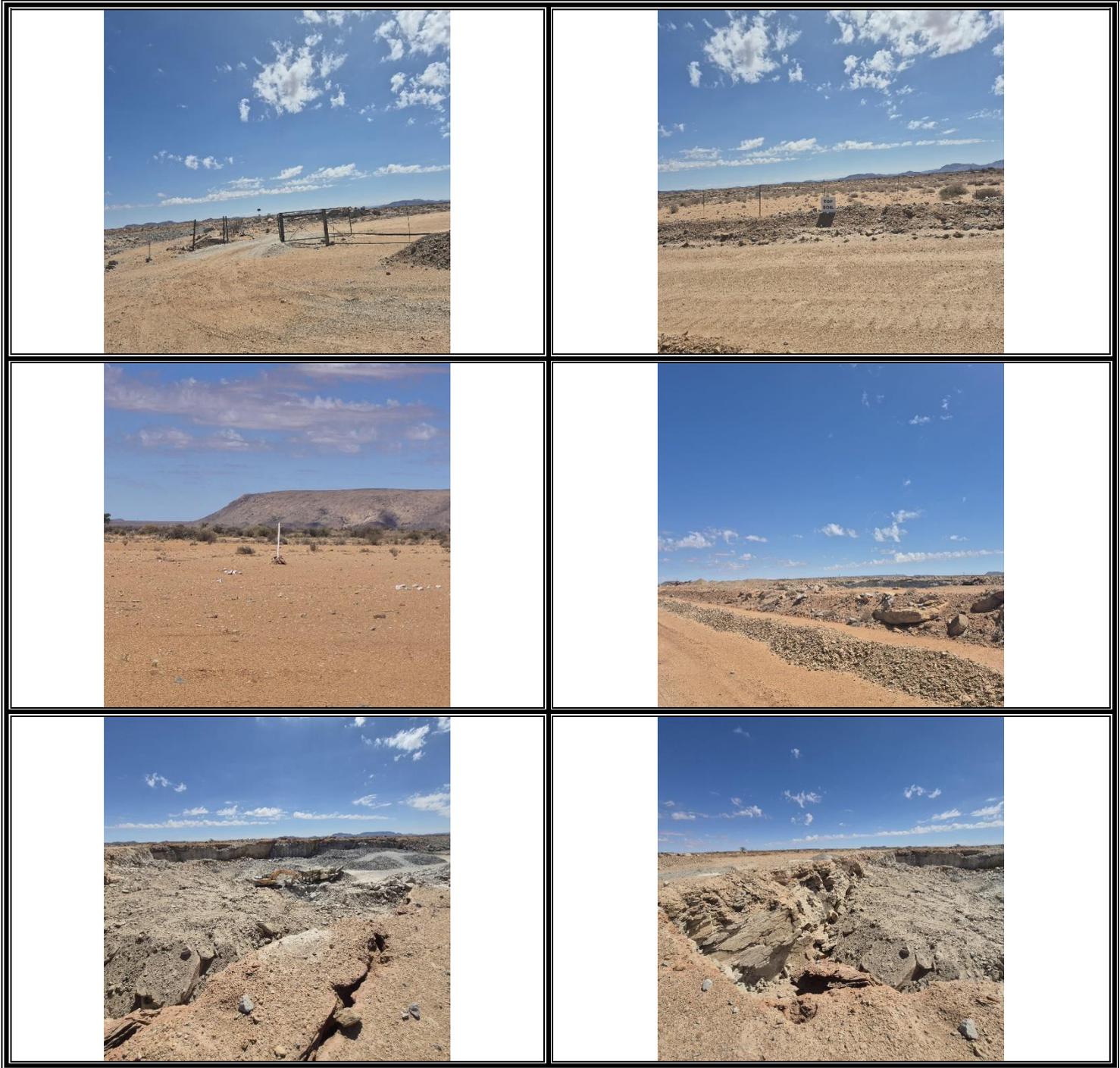
PROCESSING AREA AND STOCKPILE AREA





QUARRY PIT







JOJO TANK AND WATER FILL STATION

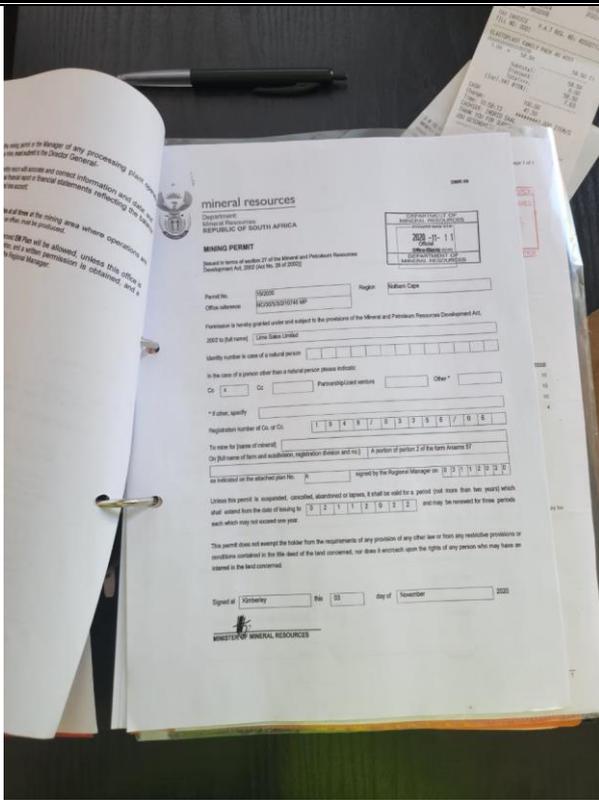


EXPLOSION DESTRUCTION BAY – WITHIN THE MINING PERMIT AREA

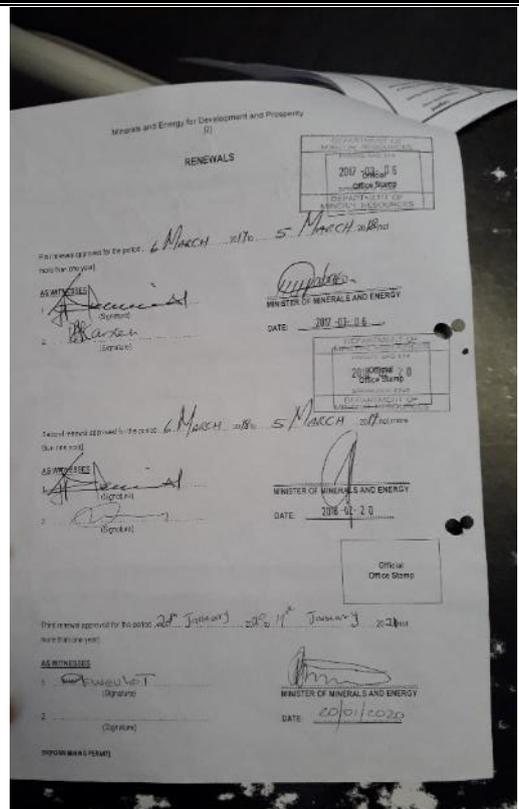




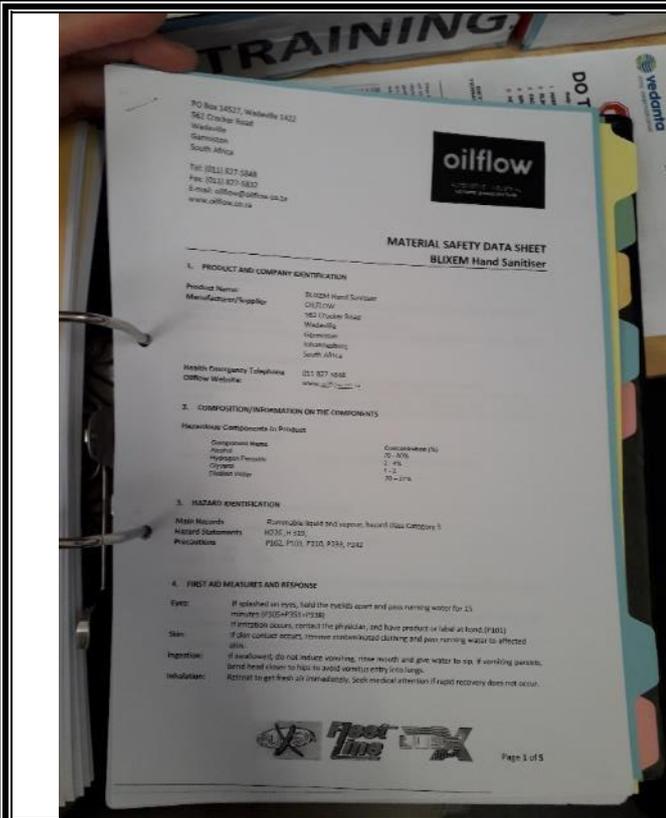
PROOF OF DOCUMENTATION- CURRENTLY PENDING OUTCOME OF FINAL RENEWAL



EXAMPLE OF A MSDS ON SITE



SITE ACCIDENT REGISTER



EXAMPLE OF A MSDS ON SITE

Date	Location	Description	Eye	Hand	Foot	Other
17/01/2023	Claremont	Hand injury				
22/01/2023	Claremont	Foot injury				
17/01/2023	Claremont	Hand injury				
22/01/2023	Claremont	Foot injury				

SITE ACCIDENT REGISTER 2023 – NO REPORTING SINCE

PROOF OF USED OIL REMOVED FROM SITE – 23 NOVEMBER 2023

Hazardous Waste Manifest

AD63421

WASTE TRANSPORTER **SAWIS REG No.** **G P T - 0 0 - 8 2 5**

OILKOL (PTY) LTD
 Reg. No. 1966/000425/07
 VAT REG No. 4710101074
 Head Office
 P.O. Box 1126
 Krugersdorp
 1740
 Emergency: **Tel: (086) 110 1961**
 Collections: **Tel: (086) 110 1961**
 Account Enquiries: **Tel: (011) 761 5720**
 Fax: (011) 762 4830
 E-Mail: info@oilkol.co.za


 ISO 14001:2015
 Electronic Ref No.

Collector Code: **60028** Track Code: **445** Delivery Note: **619640** Date: **29/11/23**

PRODUCT	SAWIS Reference No.	Quantity of Waste by Volume (Litres or Weight (Kg))	Unit Price (Cents)	WASTE TAX Exemption @ 15% if VAT registered
Used Lubricating Oil	OATS1	11200	150	1500000
Less: WIS %				
TOTAL	OATS1			
Used Engine Additives	CATS1			

DECLARATION
 Oilkol (Pty) Ltd declares that it received the waste as completed and classified by the generator as identified on this manifest.

TIME: H M S M
 (H:00) 1 3 2 5

Tax Invoice **AD63421**

WASTE GENERATOR **SAWIS REG No.**

COLLECTED FROM: **SPLI KUNDALAP** GENERATOR ACCOUNT No. _____
 GENERATORS ADDRESS: **PROAMS QUARRY** POSTAL AND PAYMENT ADDRESS _____
Blomfontein _____
 _____ POSTAL CODE _____
 _____ **VAT REGISTERED** YES NO
 _____ (✓ appropriate block)
 _____ **IF YES** Insert VAT Reg. No. _____
 CONTACT PERSON: **GAIL** TEL No. **0924916352** FAX No. _____
 E-MAIL ADDRESS _____

Please sign if a cash payment was received for the waste. If you did not receive cash, then a cheque will be mailed to you. Check ensure that your postal address is correct.

1. Cheque	<input type="checkbox"/>	Environmental Category	<input checked="" type="checkbox"/> H <input type="checkbox"/> O <input type="checkbox"/> G	SAWIS Standard Industry Code	<input type="checkbox"/>
2. Cash	<input type="checkbox"/>	SAWIS Description			
3. EFT	<input checked="" type="checkbox"/>	WASTE GENERATOR			
4. M/End EFT	<input type="checkbox"/>	Name: A Cloete Signature: <i>[Signature]</i>			

DECLARATION:
 I hereby declare that the content of this form is as described under PRODUCT and in the relevant SAWIS Data Sheet. I certify that I have made every effort to ensure that the product is not contaminated with any other substances that would render it harmful to handle, transport or dispense to the environment.
 The PRODUCT is in all respects in proper condition for transportation in accordance with the applicable laws and regulations. I have sold the above-mentioned goods and the details furnished herein are true and correct.

WASTE MANAGER **SAWIS REG No.** **G P R - 0 0 - 9 2 5**

EXOL OIL REFINERY (PTY) LTD
 59 ADDOCK STREET Tel: 086 100 3883
 CHAMACORP (011) 769 2257
 P.O. Box 1126 Fax: (011) 769 1779
 Krugersdorp 1740 E-mail: exol@exol.co.za


 ISO 14001
 WASTE MANAGER

Competencies: **BG** WIS16
 Hazardous Delivery Note No. _____
 Licence No. **12/9/11/P/61**
 Type of Waste Management Applied: **R4**

Name: _____ Signature: _____

DECLARATION:
 Exol Oil Refinery declares and certifies that it received the waste as completed and classified by the generator as identified on this manifest.

WASTE MANAGER

Name: _____ Signature: _____

www.usedoil.co.za

Hazardous Waste Manifest

PROOF OF GENERAL WASTE REMOVAL 27 FEBRUARY 2024

SPH Kundalila
Aroams
Aggeneys



Tel : 0549832772

Fax :

E-mail :

Transaction ID

5625

Entry Date

2/27/2024 8:32:23 AM

Vehicle

Trailer 1

Trailer 2

P1047

Exit Date

2/27/2024 8:45:40 AM

Customer	Supplier	Product	Product Code	Hauler	Destination
AROAMS QUARRY	SPH	WASTE			Aggeneys

Transaction Info		Seal Numbers	Task Numbers
Supplied Weight 0	1	1	
Supplied Ticket	2	2	
Purchase Order	3	3	
Delivery Number	4	4	

Transaction Type Receive

Remarks :

Tare Weight

2000 kg

Gross Weight

2040 kg

Nett Weight

40 kg



Driver Signature



Operator Signature

User: Operator Transaction Mass: Auto Scale Mass Weighed At: Page No: 1
Cargo/Weigh by Mass of Scale Registered To: SPH Kundalila

SANCO REMOVAL – 18 MARCH 2024

SANCO DELIVERY / SERVICE NOTE
 FROM: TENT RENT COMPANY / NC TOILETS T/A SANCO No 716441

TO: *SPH KUNDALIILA*

DATE: *18/03/24* BY: *[Signature]* CONTACT: *[Signature]*

REASON: *Waste Removal 1500 Litre*

NOTES: *Times 15:00*

CLIENT: *Paul [Signature]*

ENT RENT / SANCO

NOTION NO	SPRINGSBOK	POSTMORBURG	GRINZ (KATU)	SAK / PINEKLA
024 222 1187	027 722 2075	021 402 2222	021 481 2222	021 765 4800
www.sanco.co.za	sanco@sanco.co.za	postmorburg@sanco.co.za	grinz@sanco.co.za	sak@sanco.co.za
Location #14	1222 4th St	1222 4th St	27th Ave East	1st Street
Springbok	Springbok	Postmorburg	Grinz	Industrial area, De Aar

APPROVAL OF TRANSFER OF ENVIRONMENTAL LIABILITIES – 11 AUGUST 2021

mineral resources & energy
 Department of Mineral Resources and Energy
 REPUBLIC OF SOUTH AFRICA

Private Bag X 16 Springbok, 8240; Tel: 0277126160; Fax: 0277121998
 1st Floor Hopley Building, Van der Stel Street, Springbok 8240

Enquiries: Deidre Karsten Ref No: NCS 30/5/1/3/3/2/1 (10400) MP
 E-mail address: Deidre.Karsten@dmr.gov.za
 Mine Environmental Management

SPH Kundalila (Pty) Ltd
 Private Bag x 15
 SOMERSET WEST
 7129

APPLICATION FOR TRANSFER OF ENVIRONMENTAL LIABILITIES IN TERMS OF REGULATION 58 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 28 OF 2002 FOR MINING PERMIT AND RELATED INFRASTRUCTURAL ACTIVITIES ON A PORTION OF PORTION 2 OF THE FARM AROAMS NO 57 SITUATED IN THE MAGISTERIAL DISTRICT OF NAMAQUALAND NORTHERN CAPE REGION.

I, **Rebone Nkambule**, in my capacity as Chief Director: Mineral Regulation (Central Regions), by virtue of powers delegated to me in terms of section 103 (1) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), by the Minister of Mineral Resources and Energy of the Republic of South Africa hereby approve that **SPH Kundalila (Pty) Ltd NCS 30/5/1/3/3/2/1(10400)** may transfer environmental liabilities as stated the agreement attached to Lime Sales Limited (Pty) Ltd NCS 30/5/1/3/3/2/1(10746) on a portion of portion 2 of the farm Aroams no 57, situated in the Magisterial District of Namaqualand terms of Regulation 58 of the Act.

[Signature]
 CHIEF DIRECTOR: MINERAL REGULATION
 CENTRAL REGIONS
 DATE: *11 August 2021*

Please quote this office file number for any correspondence as reference

NCS 305-1/3/3/2/1(10400) MP

TRANSPORT AGREEMENT BETWEEN FARMER AND CONTRACTOR FOR MATERIAL TO BE TRANSPORTED ON FARM TO RESERVOIR



• Lime Sales Limited, Aroams Quarry
• PO Box 193, Middelton, South Africa, 7453
• +27 (21) 527 8200 • +27 (82) 481 8402
• +27 (76) 323 8388
• help@lcs.sphgroup.co.za
• Co. Reg. No. 1349333200/58 •
• VAT Reg No: 480019009 6

Wie dit mag aangaan:

Re: TRANSPORT VAN GS MATERIAAL VAN QUARRY NA HOEFYSTER RESERVOIR.

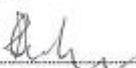
Hiermee gee ek, Gideon Daniel Gerber, vir SPH Kundalla(Pty)Ltd toestemming om GS materiaal vanaf die Aroams Quarry Stockpiles aan te ry oor my grond na die Hoefyster Reservoir projek.

SPH Kundalla(Pty)Ltd sal verantwoordelik wees vir die onderhoud op die pad, asook toegangs beheer op die roete toepas.

Die roete word hieronder op Google getoon.



Geteken: Aroams

GD Gerber 

Datum 07/03/2023

HJ Barnard 

Datum 07/03/2023

H Dippenaar 

Datum 07/03/2023



ASPASA ACCREDITATION

ASPASA ISHE AUDIT - 2023



ASPASA

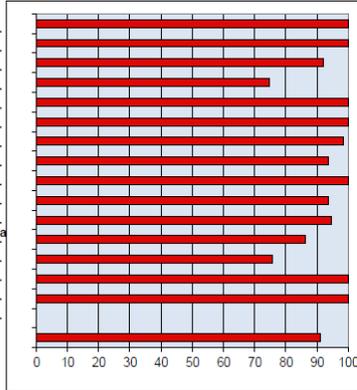
Your voice when it matters most

Premises: **SPH Kundalila Aroams**

Audit Date: **2023/08/01**

Audited by: **M Z Van Deventer**

- 4 Context of the organisation
- 5.1 & 5.2 Leadership and worker participation - Policy Statements
- 5.3 & 5.4 Leadership and worker participation - Legal Appointments
- 6.1 Actions to address risks and opportunities
- 6.2 OH&S Objectives & Planning to Achieve Them
- 7.1, 7.2 & 7.3 Resources, competence and awareness
- 7.4 Communication
- 7.5.1 & 7.5.2 Documented Information
- 7.5.3 Control of documented information
- 8.1 Operational Planning & Control
- 8.2 Emergency Preparedness & Response
- 9.1 Monitoring, measurement, analysis and performance evaluation
- 9.2 Internal Audit
- 9.3 Management Review
- 10.2 Improvement
- Non-Conformances
- OVERALL COMPLIANCE SCORE =**



INITIAL POSSIBLE POINTS	MINUS NOT APPLICABLE POINTS	POINTS AWARDED	SCORE
38	6	32	100.00
53	0	53	100.00
122	21	93	92.08
505	96	305	74.57
62	0	62	100.00
140	13	127	100.00
105	35	69	98.57
642	40	563.5	93.60
14	0	14	100.00
1334	307	960	93.48
152	60	87	94.57
150	5	125	86.21
94	0	71	75.53
45	0	45	100.00
163	25	138	100.00
-180	0	0	0.00
3619	608	2745	91.15

MINE PLAN

