EPA Action list
Area: De Aat Stone Crushers Quarry - NC 30/6/1/2/2/10075 MR.

Pate: 28/01/2022 Responsible Person: Mr.J.Lambrechts

Matter to be addressed	Additional Comment	Action to be taken	Planned Completion	Seenoneihle Dereon	Date Completed	Cionatura	Photo Proof
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i ne invancer plant species, must be removed		Removed	neteldi ino	O. Lanneaus	בייס לופינופי וב	4	Amached
Construct a sufficient bunded area for the storage of used oil and other hazardous weste		Constructed	Completed	M. Lambrechts	02 February 2022	Mars	Attached
Train all employees on the handling and disposal of hazardous wasie		Trainig	Completed	M. Lambrechts	11 Febuary 2022	F. 174	Attached
Clean the oil spills at the used oil storage area		Cleaned	Completed	M. Lambrechts	18 January 2022	Mas	Attached
Complie an Emergency Preparedness Plan		Compiled	Completed	M Lambrechts	14 February 2022	Mark	Attached
Mark the general waste drums and fit them with lids		Marked	Completed	M. Lambrechts	15 February 2022	Mas	Attached
Start the use of general, hazardous, and liquid waste registers		Done	Completed	A. de Villiers	18 January 2022	1	Attached
Obtain an opinion from an archaeologist regarding the need for an HIA	Archaeolist to be appinted during section 102 aplication						
Jodate the monthly audits to include the requirements of page 53 of the EMPR		On going	On going	M. Lambrechts	29 January 2022	en H	Altached
Add an Incident Register and Complaints Register to the site file		Done	Completed	A. De Villiers	18 January 2022	5	Altached











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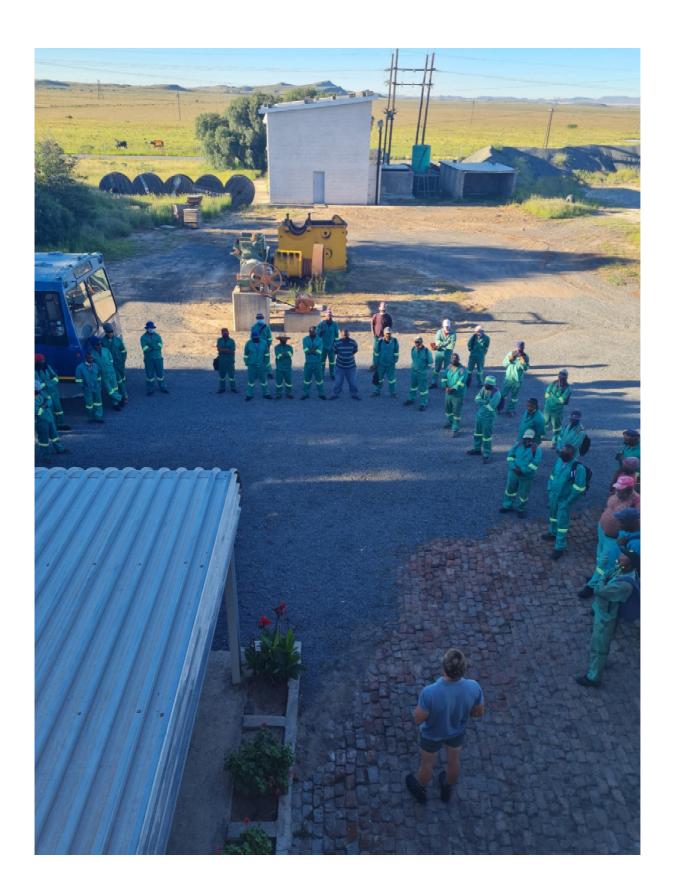
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In progress



Completed



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# DE AAR STONE CRUSHERS EMPOWER (PTY) LTD

# MINING ON PORTION 49 AND 50 OF FARM NO 180 DE AAR, HANOVER MAGISTERIAL DISTRICT, NORTHERN CAPE PROVINCE

# **EMERGENCY PREPAREDNESS PLAN**

DMRE REFERENCE NUMBER:	NC 30/5/1/2/2/10075 MR
VERSION:	FEBRUARY 2022

# PREPARED FOR:

De Aar Stone Crushers Empower (Pty) Ltd

Contact Person: Mr J Lambrechts

Tel: 053 631 0945 Cell: 083 259 6096

Postal Address: P.O. Box 340

De Aar 7000

## PREPARED BY:

Greenmined Environmental (Pty) Ltd

Auditor: Ms C Fouché

Tel: 021 851 2673 Cell: 082 811 8514 Fax: 086 546 0579

Postal Address:

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Private Bag X15 Somerset West

7129



# De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# **EXECUTIVE SUMMARY**

Condition 8 of the Environmental Management Plan (EMP) Approval of De Aar Stone Crushers Empower (Pty) Ltd (DASC) for the mining right held over Portion 49 and 50 of Farm No 180 requires the holder to maintain and implement an emergency preparedness plan (EPP) for the duration of the project.

In light of this, Greenmined Environmental (Pty) Ltd was contracted by DASC to compile an Emergency Preparedness Plan for the mining operation.

The EPP must be disseminated to all employees and contractors and consulted in the event of an emergency. The EPP must be placed at the mine where it is easily viewed. The EPP must contain a list of emergency procedure, evacuation routes and a list of emergency contact numbers. It is advisable that the mine regularly test the Emergency Preparedness Plan to identify areas for improvement, and review it biennially.

# De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

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# **ABBREVIATIONS**

A&I Accidents and Incidents Register

DAEARDLR Department of Agriculture, Environmental Affairs, Rural Development and Land Reform

DoL Department of Labour

DWS-NC Department of Water and Sanitation - Northern Cape Province

EPP Environmental Preparedness Plan

H&S Health and Safety

HAZMAT Hazardous Materials

ELM Emthanjeni Local Municipality

SANRAL South African National Roads Agency Limited

SAPS South African Police Service

# De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# DISCLAIMER

This plan has been produced by Greenmined Environmental (Pty) Ltd., (hereafter "Greenmined") with the skill and care ordinarily exercised by a reasonable Environmental Consultant at the time the services were performed. Further, and in particular, the Services were performed by Greenmined taking into account the limits of the scope of works required by the Client, the time scale involved and the resources, including financial and manpower resources.

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Whilst every endeavour has been made by the Greenmined to ensure that information provided is correct and relevant, this plan is, of necessity, based on information that could reasonably have been sourced within the time period allocated to the assessment, and is, furthermore, of necessity, dependent on information provided by management and/or its representatives. It should, accordingly, not be assumed that all possible and applicable findings, observations and/or measures are included in this plan as this plan represents a sample of assessable parameters. As a subsequent event, should additional information become available, Greenmined reserves the right to amend its findings, observations, measures and executive summary.

# De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# 1. INTRODUCTION

De Aar Stone Crushers Empower (Pty) Ltd (hereafter referred to as the MR Holder) holds a mining right over Portion 49 and 50 of Farm No 180 De Aar for aggregate. Condition 8 of the Environmental Management Plan (EMP) Approval requires the holder to "implement an Emergency Preparedness Plan and review it bi-annually when conducting audit and after each emergency and or major accident."

# 2. SITE LOCATION

The mine is located ±7 km south of De Aar. The approved mining footprint is 62.8810 ha, and the GPS coordinates to the entrance of the site is 30°42'46.05"S; 24°00'32.11"E.

# 3. EMERGENCY PREPAREDNESS PLAN

It is important that all personnel at the mining operation know how to respond in the event of an emergency to avoid significant environmental degradation or injury to human health. Although environmental emergencies should be avoided, accidents do occur and management after such events is of the utmost importance.

# 3.1 Defining an Emergency Preparedness Plan

Emergencies occur over the short terms and require an immediate response. A mine, as part of its management tools, especially if it is ISO 9000 and ISO 14 0001 compliant, must have an EPP. The EPP must be disseminated to all employees and contractors and consulted in the event of an emergency.

The EPP must be places at the mine where it is easily viewed. The EPP must contain a list of emergency procedure, evacuation routes and a list of emergency contact numbers. It is advisable that the mine regularly test the emergency preparedness plan to identify areas for improvement.

Communication is vital in an emergency and communication devices, such as mobile phones, two-way radios, or telephones, must be available at the mine. If the emergency has the potential to affect the surrounding communities, they should be alerted via alarm signals or contacted in person. A contact list of emergency response units must be clearly displayed at the work area.

The contact list can include, but not be limited to, the following:

- Emergency health services such as ambulances, paramedic teams, poison centres;
- Environmental agencies, especially those responsible for air, water and waste issues;
- Fire Department:
- Hospitals, both local and further afield for specialist care;
- Police;
- Public health authorities:
- Roads authorities;
- Surrounding landowner information.

# 5. EMERGENCY PROCEDURES

# 5.1 SPILLAGE OF DIESEL, HYDROCARBONS AND/OR OTHER CHEMICALS

1.	INSPECTOR / OBSERVER:		Foreman Cell No:	0762128225
	Report to Foreman and continue observations.		· From all Gen 140;	V IB CIC BCCS
	Also check that source causing spillage is decommissioned, and that affected area is isolated to prevent spreading of hazardous substance.	*	ECO Cell No:	0832596096
	<ul> <li>Foreman to inform environmental conservation officer (ECO).</li> </ul>			
2.	ECO SITE AGENT:	١.	5000	005 25C 1001
	Stop work on the area and take immediate action.	*	ECO Cell No;	083 259 609 6
	SMALL LEAK / SPILL:	*	Site Manager Cell N	<u>. 078305206</u> 7
	❖ Take photos of the affected area prior to cleaning it.	*	ELM:	053 632 9100
	♦ Use spill kit to clean the affected area.			
	Remove the contaminated soil to the hazardous waste storage area and store within bunded area until removed.	*	Fuel44:	083 640 8154
	nom site.	*	Enviroserv:	051 432 2940
	Inform the site manager.			351 402 2540
	Take photos of the cleaned area and file with Accidents and Incidents (A&I) Register.	٠	DAEARDLR:	053 807 7431
	Add the incident to the A&I Register with photos as proof.			
	<ul> <li>Ensure that the source of contamination is removed from site until repaired.</li> </ul>	**	DWS-NC:	053 830 8800
Į	LARGE LEAK / SPILL:			
	<ul> <li>Contain the contamination to the immediate area, to prevent further pollution.</li> </ul>			
	Inform the following:			
	Site manager			
	Department of Agriculture, Environmental Affairs, Rural Development and Land Reform (DAEARDLR)			
	Department of Water and Sanitation — Northern Cape Province (DWS-NC)			

De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# SPILLAGE OF DIESEL, HYDROCARBONS AND/OR OTHER CHEMICALS

- Emthanjeni Local Municipality (ELM)
- $\Rightarrow$  Take photos of the affected area prior to cleaning.
- Arrange registered HAZMAT contractor to clean and rehabilitate the area.
- Add the incident to the Accidents and Incidents (A&I) Register with photos as proof.
- Obtain written confirmation of successful cleaning and safe disposal certificate from HAZMAT contractor
- Ensure that the source of contamination is removed from site until repaired.

# De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# 5.2 SNAKE BITE

SNAKE BITE		·	
Notify foreman and move victim away from danger.      Identify snake if safe to do so.     Foreman to calm victim and Inform first aider.	1		07621282
<ul> <li>EIRST AIDER:</li> <li>Calm victim, have the person lie down and remain as still as possible. Keep affected limb below the heart.</li> <li>Remove clothing around wound as well as restrictive items such as rings or shoes.</li> <li>Flush wound with plenty of water to wash away any remaining poison.</li> <li>Cover the wound with loose, sterile bandage.</li> <li>Do not cut, press or suck area.</li> <li>Keep airway open and do not give victim alcohol or other liquids to drink.</li> <li>Arrange for someone to call ahead informing the hospital of the shake bite victim on the way. Request ambulance if necessary.</li> <li>Transport victim to nearest medical facility.</li> <li>Inform the following parties:</li> <li>ECO</li> <li>Site Manager</li> <li>Only restart work once the area was declared safe by the ECO/Site Manager.</li> <li>Add incident to the A&amp;I Register.</li> </ul>	1	ECO Cell No: Site Manager Cell No De Aar Hospital;	078303766 08325966 068324000 0536324000 0536311575/ 10177

# De Aar Stone Crushers Empower (Pty) Ltd – Portion 49 and 50 of Farm No 180 De Aar

# 5.3 FIRE

QBSERVER:	
<ul> <li>Report to Foreman and extinguish fire if safe to do so.</li> <li>If not, assist any person in immediate danger to safety and continue observations from a safe distance.</li> <li>Foreman to inform Fire fighter and remove any equipment or tools that might be in danger.</li> </ul>	<ul> <li>Foreman Cell No: <u>076 Z  28</u></li> <li>Fire Fighter Cell No: <u>078303 Z@</u></li> </ul>
FIRE FIGHTER:  Inform the following parties:  ECO  Site manager and request help from landowner if needed.  Call Fire Brigade if necessary.  Organise employees to extinguish the fire and issue firefighting equipment and PPE.  Fight fire with fire beaters and extinguishers.  Only restart work once the fire has been snuffed.  Check that fire was property snuffed and no glowing embers are left.  Determine loss and report to site manager.  Add incident to the A&I Register with photos as proof.  Only restart work when area was cleared by ECO/Site Manager.	<ul> <li>DS3 25960</li> <li>Site Manager Cell No: 083 298 0</li> <li>Landowner Cell No: 083 25960</li> <li>Fire Brigade (De Aar): 082 904 8614 / 8543</li> </ul>
SITE MANAGER:  ❖ Inform landowner and request help if needed.  ❖ Evaluate loss and report to landowner.	

De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# 5.4 DAMAGE TO VEGETATION OR DRIVING IN UNDISTURBED NO-GO AREA

	DAMAGE TO NATURAL VEGETATION OR DRIVING IN UNDISTURB	EU NU-GO AREAS	
	INSPECTOR / OBSERVER:		
	1 (Sport of Gillar),	❖ Foreman Cell No:	076 21282
	<ul> <li>Foreman to inform ECO and prevent further damage.</li> </ul>	◆ ECO Celf No:	078303206
<b>2</b> . <u>j</u>	ENVIRONMENTAL CONTROL OFFICER:	]	<u> </u>
	Inform the following parties:		
	Site Manager		
	• Landowner		
4	Assess damage and compile Rehabilitation Action Plan.		
4	Take photos of disturbed area and add incident to the A&I Register.		
4	Implement rectification/rehabilitation actions.		
•			
*	Take photos of rehabilitated area and close-out incident in A&I Register.		
٥	Take action against employee that caused the incident.		
SI	ITE MANAGER:		
*			
	and obtain input in the Rehabilitation Action Plan		
	Arrange the audit of rectification measures by an independent environmental specialist to obtain approval when area wa		

De Aar Stone Crushers Empower (Pty) Ltd ~ Portion 49 and 50 of Farm No 180 De Aar

# 5.5 NATURAL DISASTERS

. (	NATURAL DISASTERS (SEVERE STORMS, FLOODING, VEL			· —· —· —· —·
•	Report the pending natural disaster to the Foreman	.	Foreman Cell No:	076 21292
*	• Take sheiter,	*	Fire Fighter Cell No.	678363766
_				07830370
E	OREMAN:	-		
٠	Inform the following parties:	*	ECO Cell No:	085259609
	• ECO	ļ		0783 632067
	H&S Representative	*	H&S Rep Cell No:	083559609
	First Aider	٠	Firet Aidor Collete	C767-1-
	Site manager and request help from landowner if needed.	•	Linet Winet Cell MO:	078303266
	Call Fire Brigade if necessary,	٠	Site Manager Cell No	083298049
*	Move site machinery and/or equipment to a sheltered area if safe to do so.			
*	vacuate employees orderly from site.	٠	Landowner Cell No:	083259 609
*	Account for all personnel and provide status report to Site Manager	*	Fire Bringde (Do Ass)	000.00
•	Only restart work when area was cleared by ECO/Site Manager.		Fire Brigade (De Aar):	. voz 904 8614 / 8543
٥	Determine loss and report to site manager.  Add incident to the A&I Register with photos as proof.	٠		053 <del>6</del> 31 1575 / 10177

De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# NATURAL DISASTERS (SEVERE STORMS, FLOODING, VELD FIRES)

- 3. SITE MANAGER:
  - Monitor weather services
  - Activate afarm if impact is imminent
  - Conduct post-emergency evaluation and report.
  - Report to relevant authorities if applicable.

# De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# 5.6 INDUSTRIAL ACTION

	PRE-ACTION			
	<ul> <li>SITE MANAGER:</li> <li>Ensure contingency plans are in place in anticipation of a strike, such as:</li> <li>patient safety and continuity of care.</li> <li>H&amp;S for non-striking employees, and contractors.</li> <li>determine if industrial action will lead to breach of contracts or interference with a third party.</li> <li>Do a risk assessment to determine which services are essential.</li> <li>Identify key elements that need to be in place for these services to be delivered.</li> </ul>	*	DoL; Fire Brigade (De Aar	053 631 1575 / 10177 053 631 0455 ): 082 904 8614 / 8543 053 632 9500
ş	DURING ACTION  SITE MANAGER:		First Aider Cell No:	07830320
	Communicate contingency plan as soon as notice of a strike is received from the trade union.  Confirm number of staff who are considering taking industrial action.  Review rotas to identify impact on service delivery, Identify any gaps.  Rearrange rotas, if able, to minimise disruption to service delivery, Identify any gaps.  Prioritise essential services.		Trade Union Contact:	
*	Match available staff capacity with provision of essential services, identify any gaps.  Contact the police if industrial action turns violent.  Implement evacuation procedures of non-striking employees.			

De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# INDUSTRIAL ACTION (OFFICIAL, UNOFFICIAL, STRIKES)

Only restart work once the workplace is safe.

# POST ACTION

# 3. SITE MANAGER:

- Arrange a debriefing meeting with site management.
- Determine loss and review the risk assessments,
- Add incident to the A&I Register with photos as proof.
- Notify payroll of the staff for whom pay deductions are to be made.

# De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# 6. REPORTING ENVIRONMENTAL INCIDENTS

In the event of an incident as defined in the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) site management must adhere to the following steps:

Step 1 (Section 30(3)) "The responsible person or, where the incident occurred in the course of that persons employment, his or her employer must forthwith after knowledge of the incident, report through the most effective means reasonably available -

- a) The nature of the incident
- b) Any risks posed by the incident to public health, safety and property
- c) The toxicity of substances or by-products released by the incident, and
- d) Any steps that should be taken in order to avoid or minimise the effects of the incident on public health and the environment to
  - i) the Director General
  - the South African Police Services and the reliant fire prevention service ii)
  - the relevant provincial head of department or municipality, and iii)
  - all persons whose health may be affected by the incident." iv)

Step 2 (Section 30(4)) "The responsible person or, where the incident occurred in the occurs of that person's employment, his or her employer, must as soon as reasonably practicable after knowledge of the incident -

- a) take all reasonable measures to contain and minimise the effects of the incident, including its effects on the environment and any risks posed by the incident to health, safety and property of persons,
- b) undertake clean-up procedures
- c) remedy the effects of the incident
- d) assess the immediate and long-term effects of the incident on the environment and public health."

Step 3 (Section 30(5)) "The responsible person or, where the incident occurred in the occurs of that person's employment, his or her employer, must within 14 days of the incident, report to the Director General, provincial head of department and municipality such information as is available to enable an initial evaluation of the incident, including -

- a) the nature of the incident
- b) the substances involved and an estimation of the quantity released and their possible acute effect on person and the environment and data needed to assess these effects
- c) initial measures taken to minimise impacts
- d) causes of the incident, whether direct or indirect, including equipment, technology, system, or management failure, and
- e) measures taken and to be taken to avoid a recurrence of such incidents."

# De Aar Stone Crushers Empower (Pty) Ltd - Portion 49 and 50 of Farm No 180 De Aar

# 7. MANAGEMENT REVIEW AND COMMENT

I reviewed and understand the contents of this emergency preparedness plan. I acknowledge that this EPP is a live document in need of biennial review. I undertake to inform all employees and contractors of the EPP and implement the plan when needed.

Signature

Manfred	
Print Name	
15.02.2022	
Date	



DE AAR	STONE CRUSHERS QUA	RRY ON PORTION 49 A	NTAL INCIDENT RE AND 50 OF FARM NO ERN CAPE PROVING	0 180 DE AAR, HANOVE	R MAGISTERIAL	DISTRICT,
INCIDENT NUMBER	NAME OF PERSON REPORTING THE INCIDENT	INCIDENT	DATE INCIDENT IDENTIFIED	HOW WAS INCIDENT ADDRESSED?	DATE OF RECTIFICATION	SIGNATUR

LIQUID	WASTE	DISPOSAL	REGISTER

DE AAR STONE CRUSHERS QUARRY ON PORTION 49 AND 50 OF FARM NO 180 DE AAR, HANOVER MAGISTERIAL DISTRICT, NORTHERN CAPE PROVINCE

DISPOSAL DATE	DISPOSAL SITE	QUANTITY DISPOSED	WASTE TYPE	RECEIPT	SIGNATURE
28.1.2020	DASC Plant	4000 e	Rivol	Limond	Dd.
1.5.3033	DASC Kantora	1500R	Riool	horad	A) d

## GENERAL WASTE DISPOSAL REGISTER DE AAR STONE CRUSHERS QUARRY ON PORTION 49 AND 50 OF FARM NO 180 DE AAR, HANOVER MAGISTERIAL DISTRICT, NORTHERN CAPE PROVINCE QUANTITY DISPOSAL DATE DISPOSAL SITE WASTE TYPE RECEIPT SIGNATURE DASK CHOUF 6m3 SI. 00 2000 7 500 ROLMMEL ASGATE 38.00 2000 DASK GROUF 3 gun 6M3 ROLMMEL ASCIATE OF CO DOED DASK GROUF 6M3 ROLMMEL ASCIATE

E AAR STONE CRUSHER	S QUARRY ON PORTION 49	COMPLAINTS REGISTER  AND 50 OF FARM NO 180 DE A  BERN CAPE PROVINCE	AAR, HANOVER MAGISTERIAL DISTRICT
COMPLAINANT	COMPLAINT	DATE COMPLAINT LODGED	HOW WAS COMPLAINT HANDLED

MANTE TRANSPORTER STATES  TONE DECLANATION  FOR EAST STATES  READ STATES  READ STATES  READ STATES  READ STATES  STORAGE LICENCE NOTE  WASTE MANAMAGER  WASTE MANAMAGER  WASTE MANAMAGER  WASTE MANAMAGER  WASTE MANAMAGER  TONE FOR EAST STATES  WASTE MANAMAGER  WASTE WASTE WASTE WASTE WASTE WASTE  WASTE WASTE WASTE WASTE WASTE WASTE  WASTE WASTE WASTE WASTE WASTE WASTE  WASTE WASTE WASTE WASTE WASTE  WASTE WASTE WASTE WASTE WASTE WASTE  WASTE WASTE WASTE WASTE WASTE WASTE  WASTE W	-	Generator Cop	I. T.
FIFCATE & DANGEROUS GOODS OF CALABATON SECURITY NAMES AS A SECONDARY NAMES.  COMPANY NAMES.  FIGURE OF DEBLOWER.  FIGURE OF DEBLOWER.  FIGURE OF DEBLOWER.  FIGURE OF DEBLOWER.  WASTE TRANSPORTER PROCESSES.  FIGURE OF DEBLOWER.  WASTE TRANSPORTER PROCESSES.  FIGURE OF DEBLOWER.  WASTE TRANSPORTER PROCESSES.  FIGURE OF COMPANY NAMES.  Date of Deblower.  WASTE TRANSPORTER PROCESSES.  FIGURE OF COMPANY NAMES.  FIGURE OF WASTE NAMES AND ADDRESS.  FIGURE OF WA			MBER: 12475
COMPANY Name:  WAST TANAPOURTE PECKOR  WAST TO ANOTHER  COMPANY Name:  COMPANY NA		WASTE MANIFEST, SAFE DISPOSAL CERTI	FICATE & DANGEROUS GOODS DECLARATION BUSKING POINT (WASTE TRANSFER STATION)
Tel No.  Company Name:  Tel No:  Company Name:  Tel No:  Company Name:  Tel No:  Company Name:  Tel No:  Tel No:  Company Name:  Tel No:  Date of Collection:  Wasts transporter percove  Wasts transporter percove  Company Name:  Date of Collection:  Wasts transporter percove  Company Name:  Date of Collection:  Wasts Licrate No:  Date of Date of Wasts Management Applied: (Be-used/Recy Date Steeple) and Recy Name:  Tel No:  Tel No:  Tel No:  Tel No:  Tel No:  Date of Collection:  Wasts Licrate No:  Disposed/Re-refined Tick (v) whichever applicable  Company Name:  No per Safety Date Steep Dat	WASTETA	1	1
FRYING THE STREET THE	Company Name:	( I = 1	
STORAGE LICEN Date of Deliver T.  PASSE ACCRREDITATION Of the Company Name:  WAST TRANSPORTE RECOVER OF TRANSPORTE OF TRANSP	ransport Permit No:	COLLECTIONS	Ĭ
Company Name:  Company Name:  The No:  The No:  Date of Collection:  Date of Collection:  Water transporter MANAGER  Company Name:  Date of Collection:  Water Leare No:  Disposed/Re-refrined Tick (v) whichever applicable  Company Name:  Disposed/Re-refrined Tick (v) whichever applicable  Company Name:  An per Safety Date Saf	Physical Address:	6 RISSIE STREET KWAGGAFONTEIN BFN	
Toll for Whichical Address:  Whethical Address:  Operantly (Birnes or Kg):  Date of Collection:  What I tree or Kg):  Physicial Address:  The No.  What I be a selection of the	ROSE Accreditation No. ST	ORAGE LICENCE NO. 86/2021 ACCREDITATION NO. RF02521	
THE CONTROL OF THE CO	Vehicle Reg No:		
Whether Tope  Whether Tope  Company Name:  What I Company Name:  Company Name:  What I Company Name:  Company Name:  Company Name:  What I Company Name:  Company Name:  Company Name:  Physical Address:  Company Name:  Physical Address:  Company Name:  Physical Address:  Company Name:  Company Name:  Physical Address:  Company Name:  Com			ser No. Physical Address:
THE PLAN OF LATE AND THE OF COMPANY Name:  WASTE MANAGER  TO COMPANY NAME:  THE NO. COMPANY NAME:  THE NA		MANTE GENERATOR (BANKER)	
THE PRESENT NOTION NOTION AND THE PHYSICAL Address:  THE NOTION OF THE PROPERTY OF THE NOTION OF THE PROPERTY	Vat No.	0536310945	
The state of the s	Tel No: Physical Address:	RAHAMORE, RO.	Company Name:
Waste License To Delivery (1) Whichever Applied: (Re-sect/Recyptory) Name (Standament Name (Standament Name) Name (Standament Name) Name (Standament Name)	Municipality	Or BR	Fighter maintens
PASE OF Company Name.  Company Name.  Strict (v) whicheest applicable  Waste License No.  Type of waste Management Applicable  Countification of Waste Management Applicable  Occupany Name License No.  Type of Waste Management Applicable  Occupany Name Transport of Waste Management Applicable  Countification of Waste Management applicable  Occupany Name Transport of Mase Management Applicable  Institute of Mase Management Defended  Waste Development of Salesy Desirable  Institute of Mase Transport of Mase Management of Mase Management of Mase Mase Mase Mase Mase Mase Mase Mase	Waste Type Date of Collection:	19 1 30	Waste License No.  Bate of Debts Market Management Annited: Re-used/Recycled/Treated/Recovered
Company Name:  Physical Address:  To I No:  To	Quantity (Utres or Kg) Water Percentage Price Per Litre Amount loci VAT 15%	8/330x 1100	type or waste minimp.  Disposed/Re-refined Tick (V) whichever applicable
Tel No:  Tel No: Tel N	CHICIN / SOURCE OF WASTE (SIC	C) (Tex Box V)	USED CILL ONVERTED TO ANOTHER WASTE MANAGER
didensis:  Aste Munigement Applied: (Re-used/Recyllable Munigement Applied: (Re-used/Recyllable Municellable)  As per Salety Class Sale			Company Name:
Asset Munagement Applied: (Ne used/Recyllable Munagement Applied: (Ne used/Recyllable Munagement Applied: (Ne used/Recyllable Munagement Applied: (Ne	HANDYOLKIJO	AGRICULTURE	Physical Address:
The retined Tick ( v ) whichever applicable for the control of the		ô	Waste License No. Trans of Minte Mintenant Annied: Reused/Recycled/Treated/Recovere
Type Golden At pre-Safety Class Control of the Safety Control of the S			Disposed/Re-refined Tick ( v ) whichever applicable
Type Golden April 24617 (2025)	HW0702R560	OILFILTERS	
Types Gobbiec Tember  AAAME SIGNATURE  14 THE TRANSE SIGNATURE  14 THE TRANSE SIGNATURE  15 THE TRANSE SIGNATURE	HWO7018130	SACTORY	tions As per Salany Data Sheet
FAMME SIGNATURE and the transfer details and t	HWG701W150	CONSTRUCTION	Jake Tanker
FAMME SIGNATURE and the transfer detailed th		DECLARATION	NAME
16 SCHATURE SCHATURE and the season schedulers are assessed to the season schedulers.	Thersby declars that the contant packaged, marked and labelled, accordance with applicable laws	waste orenignment is fully and accurately described and in property is in a proper condition for being that and in all respects is in a proper condition for being that	
In the Annual Section 1985 (1985) and the Section 1985 (19		Waste Tramporter Declaratio	
MAME SUCHATURE NAME SIGN	The consignment describes about a major powersten of all necessal used lubricating of incloding left Talso declare that I am accredite	on this bears received in my vehicle. My vehicle - convey my transportation is, waste documentation regarding the formation to the following in the case of an emergency of as the used tel collector by the BDSE Foundation.	STATE OF THE STATE
Property of the state of the st	I Hereby declare that the waste document forms part of the safe in accordance with the regulation	Bushing Point / Waste Manager Dec has been raceived at this authorised Waste Manageme e disposal system certifying that the waster has been co- ments of the Waste Act No. 59 of 2008	HAME
N = 0 - 8 - 16. No parament was proport by the GGS conditions and recent the property of the chall Considering CA(18) 468 TAU to two exhibitions.			
		this generalism was proposed by the IGGS Executation and new	R O B - B - R months property of the total Countering Califol 446 FILE for two references

# HAZARDOUS WASTE DISPOSAL REGISTER DE AAR STONE CRUSHERS QUARRY ON PORTION 49 AND 50 OF FARM NO 180 DE AAR, HANOVER MAGISTERIAL DISTRICT, NORTHERN CAPE PROVINCE DISPOSAL DATE DISPOSAL SITE QUANTITY DISPOSED WASTE TYPE RECEIPT SIGNATURE 19.1-2-2-2 DASC 11 GOR CU OTIR QUELLY WOSES

# DE AAR STONE CRUSHERS EMPOWER (PTY) LTD, AGGREGATE MINE ON PORTION 49 AND 50 OF FARM NO 180 DE AAR, HANOVER MAGISTERIAL DISTRICT, NORTHERN CAPE PROVINCE

# **ENVIRONMENTAL AUDIT CHECKLIST**

AUDIT PERIOD:	DMR REFERENCE NUMBER:	
	NC 30/5/1/2/2/10075 MR	

# PREPARED BY:

De Aar Stone Crushers Empower (Pty) Ltd

Contact Person: Mr J Lambrechts

Tel No: 053 631 0945

Cell No: 083 259 6096

Site Name:	De Aar Stone Crushers	Inspection Date:	
Contractor:	De Aar Stone Crushers Empower (Pty) Ltd	Report Number:	11.01.2027
	( · · · · · · · · · · · · · · · · · · ·	Nepoli Number:	
ECO:	M re-backly		
Inspected areas	DASC Phur		

				<	required in the rehabilitation plan.
					Rehabilitated area coursed with anti-
				7	animals.
	200.00	2 2 36		<	Excavation daily inspected for size
week to be some	2	Paralan Carea	\ _		Animals fields and controlled on site.
			BIODIVERSITY		Aliene & woods controlled
					ropson returned to renabilitated areas
				//	Toppoil rigiple
				/,	Surface slope maintained – excavation free draining
					1 opsoil protected to be used for rehabilitation
					Topsoil heap <2m high
					l opsoil stripped and stockpiled
		OTENTIAL	SOIL & AGRICULTURAL POTENTIAL	SOIL & A	
					EMPK, MWP, Mine Plan and SLP available
				<	willing Agric Still Valid
		LIANCE	LEGISLATION COMPLIANCE	LEGI	Mining Digitation
ACTIONS TO BE TAKEN	ACTION	NOTES	NOT TO STANDARD	TO STANDARD	DESCRIPTION

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••					(	or the page SOI
	<b>?</b>		Ų		<	No concrete mixing on the ham all
مندد	Cill be in dear in the Co		AND DECOMPOSE AND DISTRICT 11-01 -7-7	Toward To	•	Services only taking place in workshop
					•	Waste registers up to date.
						Proper sanitation facilities available to employees.
					<	boundaries of the mining area
						No waste stockpile area allowed outside the
	İ				_	ins or water courses.
						Spillages not disposed of into the environment
				-	-	landfill site
					<u>\</u>	handling contractor to a registered hazardous waste
					,	Hazardous waste removed by a registered waste
						General waste dumped at a recognised landfill site.
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				\	one nee of day-to-day litter
					7	Site from of January Site from the Jan
						Waste collected in spolishin
					`	
				WASTE MANAGEMENT	WAS	Workers provided with environmental awareness
-					<	
						Operation hours in accordance with the EMPR
					<	emissions.
						Mining equipment serviced regularly to lessen noise
					\ \ \	Noise control implemented (no loud music).
<del>'</del>					\	Activities reduced during strong winds
<u> </u>						Sprayers of crusher operational
<u></u>					<	and road deterioration
						Speed of vehicles controlled to lessen dust generation
-					,	Monthly fallout dust monitoring implemented
				A WOISE		Dust suppression implemented.
		DAIE		AIR OHALITY & NOISE	AIR	
	ACTIONS TO BE TAKEN	ACTION	NOTES	NOT TO STANDARD	TO STANDARD	DESCRIPTION
		1				

	ORTING OF MATE	ACCESS ROADS, VEHICLES & TRANSPORTING OF MATERIAL	ROADS,	Access road maintained
	AGC MCN 1	_		
	AGCMCN		1	incident & complaints register available.
	AGC MCN			Unnecessary surface disturbance avoided.
	RGEMEN			wining contained to designated mining area.
	AGENEN		\	Good Visual and housekeeping standards.
	>>T=====	MANAGEMENT		Mining area demarcated with visible beacons
		T & TOLIDATE STATE	MIN	
			V	Gas and liquid fuel stored separately
				Con and the sept away from fuel storage
			\	Combination of the state of the
				the purpose
				Fires contained to facilities specially constructed for
		FIRE MANAGEMENT		Firefighting equipment available on-site
				nazaldous substances all in bunded area / secondary containment
				Maca list up to date
				MSDS list up to July and oil spills
			\	Managament of kit/absorbent material available.
			<u> </u>	
			<	anch the
				Mining equipment mechanically sound
SIX	ARDOUS PRODUCTS	MANAGEMENT OF FUEL AND HAZARDOU	NAGEME	Sealed drip trays used and managed on site
	NCE &	V VESOC	S	Archiaeological-, heritage and/or cultural remnants protected.
DATE ACTIONS TO BE TAKEN	NOTES	STANDARD STANDARD		>
ACTION		TO NOT TO		DESCRIPTION

Effective access control to prevent unauthorised entry.	restrictions, in place,	Workers provided with PPE	Proof of training available	vvorkers inducted and informed of EMPr conditions		naul loads clearly marked and signposted	Bally and Holliny Inspections done of machinery	Daily and market along the access road.	crisscrossing through undisturbed areas.	restricted to the approved mining area. No	wovernent of project vehicles and machinery	DESCRIPTION
	<	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\	`	EMPLOYEE	1	<	\		ς		TO STANDARD
					EMPLOYEE AND SAFETY MANAGEMENT							NOT TO STANDARD
					ANAGEMENT							NOTES
											DAIL	ACTION
									-			ACTIONS TO BE TAKEN