



DEPARTMENT OF ENVIRONMENT AND NATURE CONSERVATION  
ISEBE LEZENDALO NEZOLONDOLOZO  
LEFAPHA LA TIKOLOGO LE TSHOMARELO YA TLHAGO  
DEPARTEMENT VAN OMGEWING EN NATUURBEWARING

Metlife Towers  
T-Floor  
Private Bag X6102  
KIMBERLEY  
8300  
Isakhiwo Se Metlife  
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Inqoxwa yeposi X6102  
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Moago wa Metlife  
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Kgetsanaposo 6102  
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SASKO BUILDING  
90 Long Street  
KIMBERLEY

Tel: 053 807-7430  
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HOD  
Tel: 053 807-7300  
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Corporate Services  
Tel: 053 807-7300  
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A Mekgwe

31 January 2011

Enquiries :  
Dipatlisiso :  
Imibuzo : NNO 25/1  
Navrae : 12/3/DENC/L1/PIX/VWV  
Reference :  
Tshupelo :  
Isalathiso :  
Verwysings :

Date :  
Letlha :  
Umhla :  
Datum :

Mr A. Van Schalkwyk  
Kareeberg Municipality  
P.O.Box 10  
Carnarvon  
8925

Fax: (053) 382 3142

Dear Sir

**PERMIT IN TERMS OF SECTION OF 20 (b) OF THE ENVIRONMENT CONSERVATION ,  
WASTE ACT, 2008 (ACT NO. 59 OF 2008)**

Please find hereto attached a permit/permit amendment issued in terms of S.20 of  
the ECA (ACT 73 OF 1989)  
(as amended)

Please be advised that future permit amendment applications should be  
addressed to:

**Head of Department: Environment & Nature Conservation**  
Department of Environment & Nature Conservation  
Private Bag X6102  
**KIMBERLEY**  
8300

This is also to advise you that applications for authorization of permit amendment,  
exemptions, waste delisting, emergency and or once of authorizations will be  
processed only if the Department of Environment and Nature Conservation is in  
receipt of the latest external audit report, Annexure IV of the permit or any other  
documents specified in the permit/authorisation that needs to be submitted to  
DENC/DWAF annually or at frequencies stipulated in the permit.





## LICENCE CONDITIONS

### 1.3 SITE SECURITY AND ACCESS CONTROL

- 1.3.1 The licence holder must ensure effective access control on the Site by having it fenced to a minimum height of 1.8 metres, with gates of the same height at all entrances, to reasonably prevent unauthorised entry and curtail the spreading of wind-blown waste.
- 1.3.2 The licence holder must ensure that all entrance gates are manned during the hours of operation and locked outside the hours of operation.
- 1.3.3 The licence holder must prevent the acceptance of waste not authorised at the site as per condition 3.1 below.
- 1.3.4 Weatherproof, durable and legible notices in at least three official languages applicable in the area, must be displayed at each entrance to the site. These notices must prohibit unauthorised entry and state the hours of operation, the name, address and telephone number of the licence holder and the person responsible for the operation of the site.

## 2 MANAGEMENT

### 2.1 GENERAL MANAGEMENT

- 2.1.1 The activities must be managed and operated:
  - (a) in accordance with an environmental management system that inter alia identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the licence holder as a result of complaints;
  - (b) in accordance with an updated site operating plan that must be submitted within six months from the date of this licence and submitted to the HOD;
  - (c) in accordance with an environmental management plan that must be submitted within six months from the date of this licence for approval by the HOD;
  - (d) in accordance with conditions of this licence and any other written instruction by the HOD; and
  - (e) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.



2.1.2 Any persons having duties that are or may be affected by the matters set out in this licence must have convenient access to a copy of it, kept at or near the place where those duties are carried out. A copy of this licence may be published on any website deemed fit by the Department.

## 2.2 APPOINTMENT OF WASTE MANAGEMENT CONTROL OFFICER

2.2.1 A Waste Management Control Officer (WMCO) must be appointed to, monitor and ensure compliance and correct implementation of all mitigation measures and provisions as stipulated in the license.

- a) The WMCO must compile a waste management plan that must identify opportunities for waste reduction, recovery, re-use and reduced disposal of waste.
- b) Report any non-compliance with any license conditions or requirements or provisions of the Waste Act to the licensing authority through the means reasonably available.

## 2.3 EMERGENCY PREPAREDNESS PLAN

2.3.1 The licence holder must maintain and implement an emergency preparedness plan and review it annually when conducting audit and after each emergency and/or incident. The plan must among others include:

- (a) Vehicle/Machinery Fire & Malfunction
- (b) Site Fire
- (c) Slope Failure
- (d) Natural disasters
- (e) Industrial action
- (f) Contact details of police, ambulance and any emergency centre closer to the site

## 3 PERMISSIBLE WASTE

3.1 Any portion of the site which has been constructed or developed according to condition 4 of this licence, may be used for the disposal of all waste types which are classified as general waste according to the 1998 2<sup>nd</sup> Edition of the DWAF Minimum Requirements series of documents (DWAF Minimum Requirements). See Annexure II for waste prohibited unless it forms less than 3 percent of the waste stream from residential areas.



**4            COMMISSIONING AND CONSTRUCTION OF THE ACTIVITY**

- 4.1            The licence must be made binding to the contractor as well as individual contractors and should be included in tender documentation for the construction contract.
- 4.2            Construction and further development within the site must be carried out under the supervision of a registered professional engineer appointed by the licence holder and according to the approved engineering drawings.
- 4.3            The Licence holder must construct and maintain on a continuous basis a drainage system capable of diverting and draining from the Site all runoff water arising from land adjacent to the site, which could be expected as a result of the 1 in 50 years flood over a period of 24 hours.
- 4.4            The Licence holder must construct and maintain on a continuous basis a drainage and containment system capable of collecting and storing all runoff water arising from the site, which could be expected as a result of the of the 1 in 50 years flood over a period of 24 hours to prevent such runoff water from coming into contact with waste. The system must under the said rainfall event, maintain a freeboard of half a metre.
- 4.5            The Licence Holder must establish and maintain the "buffer zone" of 200 metres within the waste disposal site in such a way that the actual disposal-site will form the nucleus of the total area of the disposal site.
- 4.6            Should any archaeological artefacts be exposed during excavation, the construction in the vicinity of the finding must be stopped. Under no circumstances shall any artefacts be destroyed. Such an archaeological site must be marked and fenced off, and South African Heritage Resource Agency must be contacted within 48 hours.
- 4.7            The Site must be constructed in accordance with recognised civil engineering practice to ensure that it remains stable (slope of 1:3).
- 4.8            The licence holder shall make provision for sanitation facilities on site in line with the Occupational Health and Safety Act, 1993 (Act 85 of 1993).



## 5. GENERAL OPERATION AND IMPACT MANAGEMENT

### 5.1 IMPACT MANAGEMENT

- 5.1.1 Licence Holder must ensure that litter and mud arising from the activities must be cleared from affected areas outside the site as soon as practicable and wind-blown waste and litter must be picked up and removed from fences at all times to prevent pollution or nuisance.
- 5.1.2 Licence Holder must ensure that all liquid wastes, whose emission to water or land could cause pollution, are provided with secondary containment and/or diverted to sewer only after receiving written approval from the relevant Municipality.
- 5.1.3 Licence Holder must ensure that emissions from the activities are free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Department and interested and affected parties.
- 5.1.4 Licence Holder must ensure that emissions from the activities are free from noise at levels likely to cause annoyance, harm or disturb the peace of interested and affected parties.
- 5.1.5 Licence Holder must ensure that scavenging animals, scavenging birds and other pests does not cause pollution.
- 5.1.6 Waste disposed on the site may be reclaimed at a designated area under roofed area provided the reclamation activity does not add any negative impact on the environment and that relevant safety precautions in terms of the Occupational Health and Safety Act, 85 of 1993 and its regulations as amended are adhered to.
- 5.1.7 Waste deposited on the site may be reclaimed under a roofed area provided the reclamation activity does not interfere with daily operation of the site and does not add any negative impact on the environment and safety precautions are adhered to.
- 5.1.8 Waste deposited on site must not be allowed to burn and suitable measures must be implemented to prevent fires on the site or extinguish fires which may occur.
- 5.1.9 Suitable fencing and indigenous vegetation must be established and maintained around the site to effectively screen the site from nearby roads and residential areas paying attention to blending with the natural environs of the area.
- 5.1.10 Specific area must be demarcated for fuelling and workshop services and such area must be banded to reduce the possibility of soil and water contamination.



5.1.11 Amongst others, the following activities are not permitted on the working face of disposal site:

- (a) Servicing and washing of equipments
- (b) Eating
- (c) Salvaging

## 5.2 OPERATION

5.2.1 Licence Holder must ensure that records in terms of volume/weight, source and nature of all wastes received; reclaimed and landfilled are maintained and reported as per Annexure III hereafter on annual basis.

5.2.2 Waste that is not permissible under condition 3.1 above must be dealt with according to relevant legislation or the Department's policies and practices.

5.2.3 Waste disposed off on the site must be compacted and covered on a weekly basis with a minimum of 150 millimetres of soil or other material approved by the HOD.

5.2.4 Licence Holder must ensure that the site is operated in such a manner that nuisance conditions, health hazards, the potential creation of nuisance conditions or health hazards are prevented.

5.2.5 Sixteen point Material Safety Data Sheets (MSDSs) must be available on site for all chemicals and hazardous substances stored or used on-site.

## 6. MONITORING

### 6.1 ENVIRONMENTAL POLLUTION MONITORING

6.1.1 If, in the opinion of the HOD, environmental pollution, nuisance or health risks may be or are occurring on site, the Licence Holder must initiate an investigation into the cause of the problem or suspected problem. Such investigation must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the HOD. Should the investigation reveal any unacceptable levels of pollution, the Licence Holder must submit mitigatory measures to the satisfaction of the HOD.



## 6.2 INVESTIGATIVE WATER QUALITY MONITORING

6.2.1 If, in the opinion of the Director, water pollution may be or is occurring the Licence Holder must initiate an investigation into the cause of the problem or suspected problem. Such investigation must include the monitoring of water quality variables, at those monitoring points and such frequency as may be determined by the Chief Director. Should the investigation reveal any unacceptable levels of pollution, the Licence Holder must submit mitigatory measures to the satisfaction of the Chief Director.

## 6.3 MONITORING METHODS AND PARAMETERS

6.3.1 The Licence Holder must carry out all tests in accordance with methods prescribed by and obtainable from the South African Bureau of Standards (SABS), referred to in the Standards Act, 2008 (Act 8 of 2008), to analyse the samples taken under the monitoring programmes specified in condition 6 above.

6.3.2 The Licence Holder shall only use another method of analysis if written proof that the method is at least equivalent to the SABA method is submitted to the HOD and Chief Director: RP.

## 7 AUDITING

### 7.1 INTERNAL AUDITS

7.1.1 Internal audits must be conducted quarterly by the licence holder and on each audit occasion an official report must be compiled by the relevant auditor to report the findings of the audits, which must be made available to the external auditor specified in condition 7.2.1.

### 7.2 EXTERNAL AUDITS

7.2.1 The licence holder must appoint an independent external auditor to audit the Site annually and this auditor must compile an audit report documenting the findings of his audit, which must be submitted by the licence holder according to condition 9.9, below. The audit report must:

- (a) specifically state compliance with regard to each licence condition;
- (b) include an interpretation of all available data and test results regarding the operation of the site and all its impacts on the environment;
- (c) specify target dates for the implementation of the recommendations by the licence holder to achieve compliance;



- (d) contain recommendations regarding non-compliance or potential non-compliance and must specify target dates for the implementation of the recommendations by the licence holder and whether corrective action taken for the previous audit non conformities was adequate; and
- (e) show monitoring results graphically and conduct trend analysis.

### 7.3 DEPARTMENTAL AUDITS AND INSPECTIONS

- 7.3.1 The Department reserves the right to audit and/or inspect the site at any time and at a frequency decided by the HOD.
- 7.3.2 The licence holder must make any records or documentation available to the Chief Director: RPW upon request, as well as any other information the HOD may require.
- 7.3.3 The findings of these audits or inspections must be made available to the licence holder within 30 days of the end of the audit or inspection. Information from the audits must be treated in accordance with the Promotion of Access to Information Act, 2000 (Act 2 of 2000).

## 8 RECORDING

- 8.1 The licence holder must keep records and update all the information referred to in Annexure III and submit this information to the HOD on an annual basis.
- 8.2 All records required or resulting from activities required by this licence must:
  - (a) be legible;
  - (b) be made as soon as reasonably practicable and should form part of the external audit report;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible and are easily retrievable and,
  - (d) be retained in accordance with documented procedures which are approved by the Department.
- 8.3 Records demonstrating compliance with condition 2.1.1 must be maintained.
- 8.4 Any complaints must be recorded for submission to the HOD together with the external audit report.





## 9 REPORTING

- 9.1 The licence holder must, within 24 hours notify the HOD and the Chief Director: RPW of the occurrence or detection of any incident on the Site, or incidental to the operation of the site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution.
- 9.2 The licence holder must, within 14 days, or a shorter period of time, if specified by the HOD and/or the Chief Director: RPW, from the occurrence or detection of any incident referred to in condition 9.1, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by top management, to the satisfaction of the HOD and/or the Chief Director: RPW of measures taken to –
- (a) correct the impact resulting from the incident;
  - (b) prevent the incident from causing any further impact; and
  - (c) prevent a recurrence of a similar incident.
- 9.3 In the event that measures have not been implemented within 21 days of the incident to address impacts caused by the incident referred to in condition 9.1, or measures which have been implemented are inadequate, the HOD and/or the Chief Director: RPW may implement the necessary measures at the cost and risk of the Licence Holder.
- 9.4 The licence holder must keep an incident report and complaints register, which must be made available to external auditor, Departmental and DWA auditors for the purpose of audit.
- 9.5 The Department must be notified without delay in the case of the following:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident or fugitive emission which has caused , is causing or may cause significant pollution;
  - (b) the breach of this licence; and
  - (c) any significant adverse environmental and health effects.
- 9.6 Prior written notification must be given to the HOD of the following events and in the specified timescales.
- (a) as soon as practicable prior to the permanent cessation of any operational activities;
  - (b) full or partial cessation of the operational activities for a period likely to



exceed 3 months;

- (c) full or partial resumption of the operation of all or part of the activities after a cessation notified under (b) above
- (d) the professional engineer appointed by the licence holder in line with condition 4.2 must make a signed declaration that condition 4.2, above have been adhered to.

9.7 The Department must be notified within 7 days of any changes to the management of the site including the name of the incoming person together with evidence that such person has the required technical competence.

9.8 The Department must be notified within 14 days of the following changes:

- (a) licence holder's trading name, registered name or registered office address;
- (b) Particular's of the licence holder's ultimate holding company (including details of an ultimate holding where a licence holder has become a subsidiary; and
- (c) steps taken with a view to the licence holder , or any one of them, going into bankruptcy, entering into composition or arrangement with creditors, or ,in the case of them being in a partnership, dissolving the partnership.

9.9 Each external audit report referred to in condition 7.2 must be submitted to the HOD within 30 days from the date on which the external auditor finalised the audit.

## **10 REHABILITATION AND CLOSURE OF THE SITE**

### **10.1 CLOSURE PLAN**

10.1.1 The licence holder must rehabilitate the site or any portion thereof, in accordance with a closure report and rehabilitation plan, which must be submitted to the HOD for approval at least one year prior to the intended closure of the Site, or any portion thereof.



10.2 **SITE REHABILITATION**

10.2.1 Immediately following the cessation of operations with the intention to close the site, or any portion thereof, the surface of the site must be covered and the site must be maintained in such a way that:

- (a) the formation of pools due to rain is prevented;
- (b) free surface runoff of rain-water is ensured;
- (c) contamination of storm water is prevented;
- (d) no objects or material which may hamper the rehabilitation of the site are present; and
- (e) little or no erosion occurs, until the approved end use plan referred to in condition 10.1.1 is completely implemented.

10.2.2 The licence holder shall remain responsible for the site, or any of its impacts on the environment, after operations on the site have ceased.

11 **LEASING AND ALIENATION OF THE SITE**

11.1 Should the licence holder want to alienate or lease the site, he/she must notify the HOD in writing and obtain approval. Should the approval be granted, the licence holder shall remain liable to compliance with all conditions of this licence.

12 **TRANSFER OF WASTE MANAGEMENT LICENCE**

12.1 Should the licence holder want to transfer holder-ship of this, he/she must apply in terms of Section 52 of the National Environmental Management: Waste Act, 2008 (No. 59 of 2008).

13. **GENERAL**

13.1 The construction of the licensed activity may not commence within thirty (30) days of the date of signature of this licence.

13.2 Should you be notified by the HOD of a suspension of the licence pending any appeals decision, you may not commence with the activities licenced by the HOD in writing.



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- 13.3 After an appeal period has expired and no good cause to extend the appeal period has been submitted, the activity may commence provided a notice has been submitted to the Department. The notice must include a date on which it is anticipated that the activity will commence.
- 13.4 The activity must commence within a period of two (2) years from the date of issue. If commencement of the activity does not occur within that period, the licence lapses and a new application for a licence must be made in order for the activity to be undertaken.
- 13.5 If the Licence Holder anticipates that commencement of the activity would not occur within two (2) year period, he / she **must** apply and **show good cause** for an extension of the license six (6) months prior to its expiry date.
- 13.6 This licence shall not be transferable unless such transfer is subject to condition 12.1
- 13.7 This licence shall not be construed as exempting the Licence Holder from compliance with the provisions of the National and Provincial Legislation and any relevant Ordinance, Regulation, By-laws and relevant National Standards and norms.
- 13.8 Transgression of any condition of this licence could result in the validity of the licence being terminated by the Department.
- 13.9 Non-compliance with a condition of this license may result in criminal prosecution or other actions provided for in Section 67 (1) of the National Environmental Management: Waste Act, 2008.
- 13.10 Any committees appointed in terms of the application or any other public authority or organization shall not be held responsible for any damages or losses suffered by the Licence Holder or his/her successor in title in any instance where construction or operation are to be temporarily or permanently stopped for reasons of non-compliance
- 13.11 In terms of section 28 and 30 of the National Environmental Management Act No. 107 of 1998, and section 19 and 20 of the National Water Act No. 36 of 1998, any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the Licence Holder reads through and understand the legislative requirements pertaining to the project. It is the Applicant's responsibility to take reasonable measures which include informing and educating contractors and employees about environmental risks of their work and training them to operate in an environmental acceptable manner.



13.12 This licence is valid for a period of twenty (20) years and shall be reviewed every five (5) years from the date of issue or at any time before or after that date. Based on the results of the review, especially compliance to licence conditions or recommendations from the audit reports and or changing legislation, the licence could be amended or withdrawn or validity thereof extended.

#### 14. APPEAL OF LICENCE

14.1 The licence holder must notify every registered interested and affected party, in writing and within five (5) days, of receiving the Department's decision.

14.2 The notification referred to in 15.1. must –

14.2.1 Specify the date on which the licence was issued;

14.2.2 Inform the registered interested and affected party of the appeal procedure provided for in Chapter 7 of the GN No. R 385 of 21 April 2006 in terms of National Environmental Management Act, 1998, as amended (see Annexure 1).

14.2.3 Advise the interested and affected party that a copy of a licence and reasons for the decision will be furnished on request.

14.2.4 An appeal against the decision must be lodged in terms of chapter 7 of the GN No. R 385 of 21 April 2006 in terms of NEMA 1998, as amended, from the date of this license, with:

**The MEC**  
Department of Environment and Nature Conservation  
Private Bag X6102  
KIMBERLEY  
8300  
Fax: (053) 807 7367

**JJ. Mutyorauta**  
**DIRECTOR: ENVIRONMENTAL MANAGEMENT**

**DATE:** 31<sup>st</sup> January 2011



### ANNEXURE I

#### **APPEALS PROCEDURE IN TERMS OF CHAPTER 7 OF R. 385 OF 2006 TO BE FOLLOWED BY THE APPLICANT AND INTERESTED AND AFFECTED PARTIES UPON RECEIPT OF NOTIFICATION OF A WASTE MANAGEMENT LICENCE**

<b>APPLICANT</b>	<b>INTERESTED AND AFFECTED PARTIES (IAPs)</b>
1. Receive a notification of a Waste Management Licence from the relevant Competent Authority	1. Receive a notification of a Waste Management Licence from Applicant/Consultant
2. Within 10 days of receipt of notification, notify the relevant Competent Authority and all IAPs of intention to appeal	2. Within 10 days of receipt of notification, notify the relevant Competent Authority of intention to appeal
3. Notification served by the Applicant must include: 3.1. A copy of the notice of intention to appeal; and 3.2. A notice indicating where and for what period the appeal submission will be available for inspection by all IAPs	3. Appellant must serve on the Applicant 3.1. A copy of the notice of intention to appeal 3.2. A notice indicating where and for what period the appeal submission will be available for inspection by the applicant
4. The appeal must be submitted to the relevant Competent Authority or delegated organ of State within 30 days of lodging of the notice of intention to appeal	4. The appeal must be submitted to the relevant Competent Authority or delegated organ of State within 30 days of lodging of the notice of intention to appeal
5. A person or organ of state that receives notice of an appeal may submit a responding statement to the relevant Competent Authority or delegated organ of state within 30 days from the date that the appeal submission was made available for inspection by the appellant	5. An Applicant that receives notice of an appeal may submit a responding statement to the relevant Competent Authority or delegated organ of State within 30 days from the date the appeal submission was made available for inspection by the appellant

#### **NOTES:**

##### **1. An appeal against a decision must be lodged with:-**

- a) the MEC if the decision was issued by the Head of Department (or another official) acting in his/ her capacity as the delegated Competent Authority;
- b) the delegated organ of state where relevant.

##### **2. An appeal must be:-**

- a) on an official form obtainable or published by the relevant department;
- b) accompanied by:
  - a statement setting out the grounds of appeal;
  - supporting documentation which is referred to in the appeal and is not available to the relevant Competent Authority;
  - a statement that the appellant has complied with regulation 62 (2) or (3) together with copies of the notices referred to in regulation 62;
  - the prescribed appeal fee, if any.



## ANNEXURE II

### **WASTE WHICH MAY NOT BE ACCEPTED ON THE SITE: CONDITION 3.1**

1. Waste where specific control has been established in terms of the Nuclear Energy Act, 1999 (Act 46 of 1999).
2. Waste types controlled in terms of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002) and the Electricity Act, 1987 (Act 41 of 1987), Nuclear Energy Act, 1999 (Act 46 of 1999), unless written permission has been obtained from the Director.
3. Waste which is defined, according to the Minimum Requirements, as an extreme hazard or Hazard Group 1 (HG1); high hazard or Hazard Group 2 (HG2); moderate hazard or Hazard Group 3 (HG3) and low hazard or Hazard Group 4 (HG4), unless an application for delisting has been successfully submitted to the Manager: Waste Discharge and Disposal through the Regional Director and written approval was obtained from the Manager: Waste Discharge and Disposal for the disposal of this waste on the Site.
4. Flammable wastes, with a closed cup flash point less than 61°C.
5. Corrosive substances, as defined and described in the Minimum Requirements as Class 8 (1998 edition: page 6-8, Diagram III).
6. Oxidising substances and organic peroxides, as defined and described in the Minimum Requirements as Class 5 (1998 edition: page 6-8, Diagram III).
7. Any waste with a substance which is a Group A and/or Group B carcinogen/mutagen. Group A carcinogens/mutagens have been proven in humans, both clinical and epidemiological. Group B carcinogens/mutagens have been proven without doubt in laboratory animals.
8. Any waste with a substance at a concentration greater than 1% where the substance is a Group C and/or Group D carcinogen/mutagen. Group C carcinogens/mutagens have shown limited evidence in animals. Group D carcinogen/mutagen - the available data is inadequate and doubtful.
9. Any infectious waste which is generated during the diagnosis, treatment or immunisation of humans or animals; in the research pertaining to this; in the manufacturing or testing of biological agents including blood, blood products and contaminated blood products, cultures, pathological wastes, sharps, human and animal anatomical wastes and isolation wastes that contain infectious substances.



10. All materials which fall in Class 1 (explosives), Class 2 (compressed gases) and Class 7 (radioactive materials), as defined and described in the Minimum Requirements.
11. Any waste with a pH less than 6 or greater than 12.
12. Any waste which is difficult to analyse and classify.
13. Any complexes of heavy metal cat ions, paint and paint sludge, or laboratory chemicals.
14. Organic or inorganic element or compound which may have a definite acute or chronic negative effect on human health and/or the environment, due to its toxic, physical, chemical or persistent characteristics;
15. Medical waste; and Scheduled pharmaceutical products registered in terms of the Medicines and Related Substances Control Act, 1965 (Act 101 of 1965) or associated containers, are disposed of on the Site





**ANNEXURE III**

**INFORMATION WHICH SHALL BE SUBMITTED ON AN ANNUAL BASIS:  
CONDITION 8.1**

\* = Indicate with an X. Please print legibly.

NAME OF SITE: _____	DATE OF REPORT: _____ (yy/mm/dd)
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**1. Registered owner(s) of property on which disposal site is situated:**

Name	Telephone	
Postal Address	Fax	
	Postal Code	

**2. Operator in control of disposal site:**

Name	Telephone	
Identity number	After hours	
Educational Qualifications (*)		

**3. Latest estimated lifetime of the disposal site: \_\_\_\_\_ yr.**

**4. Indicate the type of waste and approximate quantities of waste disposed of during the year:**

Type of waste	Quantity (m <sup>3</sup> annum <sup>-1</sup> )	Compacted (C)	Uncompacted (U)
Non-hazardous waste			
Building Rubble			
Industrial (Specify Source)			
<b>TOTAL</b>			

**5. Indicate the applicable waste types and quantities salvaged during the year (\*)**

Salvaging undertaken?	Yes	No
Type	(Collector's Name & final destination of Waste)	Quantity (m <sup>3</sup> )



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6. Attach Emergency preparedness & Business Continuity plan for the current year.

Receptor What is at risk? What do I wish to protect?	Source What is the agent or process with potential to cause harm?	Harm What are the harmful consequences if things go wrong?	Pathway How might the receptor come into contact with the source?	Probability of exposure How likely is this contact?	Consequence How severe will the consequences be if this occurs	Magnitude of risk What is the overall magnitude of the risk? (Low- Medium - High)	Justification for magnitude On what did I formulate my judgement?	Risk Management How can I best manage the risk to reduce the magnitude?	Residual risk What is the magnitude of the risk after management? This residual risk will be controlled by Compliance Assessment)
Local human population	Airborne dusts /particulates	Nuisance -dust on cars, clothing etc.	Deposition from air						
Local human population	Noise from machine	Nuisance loss of amenity, loss of sleep	Air transport						
Local human population	Fugitive releases, waste, litter and mud on roads	Nuisance loss of amenity.	Vehicles entering and leaving the Site. Waste escaping the Site						
Local human population	Odour	Nuisance loss of amenity.	Air transport						
Local human population	Scavenging birds and animals	Nuisance loss of amenity.	Air transport and over land						
	Pests (e.g flies)	Nuisance loss of amenity.	Air transport and over land						
Local human population	Flooding of Site	If waste is washed off site it may cause contamination	Flood waters						

Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk Management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the sources?	How likely is this contact?	How severe will the consequences be if this occurs	What is the overall magnitude of the risk? (Low- Medium - High)	On what did I formulate my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? This residual risk will be controlled by Compliance Assessment)
Groundwater and surface waters	Fire on site leading to run-off from polluted fire fighting waters.	Contaminating of groundwater and aquatic ecosystems	Direct and indirect run-off						
Local human population and/or livestock gaining unauthorised access to the activities	All non-site hazards- particularly relating to waste handling & storage activity	People/ livestock coming into contact with hazards	Direct physical contact						
		Arson and/or vandalism causing the release of polluting materials	Arson-air. Liquids polluting watercourses and/or groundwater						
Groundwater	Contaminated run-off from waste	Contaminating of ground water	Soil to ground water to borehole.						
Local human population	Smoke from burning of waste in case of fire.	Nuisance, loss of amenity, loss of sleep. Respiratory irritation/illness	Air transport						

<b>Receptor</b> What is at risk? What do I wish to protect?	<b>Source</b> What is the agent or process with potential to cause harm?	<b>Harm</b> What are the harmful consequences if things go wrong?	<b>Pathway</b> How might the receptor come into contact with the source?	<b>Probability of exposure</b> How likely is this contact?	<b>Consequence</b> How severe will the consequences be if this occurs	<b>Magnitude of risk</b> What is the overall magnitude of the risk? (Low- Medium - High)	<b>Justification for magnitude</b> On what did I formulate my judgement?	<b>Risk Management</b> How can I best manage the risk to reduce the magnitude?	<b>Residual risk</b> What is the magnitude of the risk after management? This residual risk will be controlled by Compliance Assessment)
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EXPAND TABLE AS PER YOUR RISKS



**G:C:B Licence: Van Wyksvlei – Waste Disposal Site**

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I, the undersigned, declare that the information stated above and the risk assessment is to my knowledge a true reflection of the status at the \_\_\_\_\_ waste disposal site.

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Capacity: \_\_\_\_\_

Place: \_\_\_\_\_ Date \_\_\_\_\_