environment, forestry
& fisheries

Department: Environment, Forestry
and Fisheries
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 9000, Fax: +27 86 625 1042

File Reference: 12/9/11/L210323092918/5/R
Enquiries: Mr Lucas Mahlangu
Tel: 012 399 9778 **Fax:** 012 359 3625 **Email:** Lmahlangu@environment.gov.za
www.environment.gov.za

LICENCE NUMBER	:	12/9/11/L210323092918/5/R
SECTOR	:	TREATMENT AND DISPOSAL OF TYPE 3 HAZARDOUS WASTE ON A CLASS C LINED FACILITY
WASTE MANAGEMENT FACILITY	:	MEDUPI POWER STATION ASH DUMP
LOCATION	:	FARM EENZAAMHEID 687 LQ, LIMPOPO PROVINCE
LICENCE HOLDER	:	ESKOM HOLDINGS (SOC) LIMITED
ADDRESS	:	P.O BOX 9003, LEPHALALE 0555
CONTACT PERSON	:	MR WIKUS JANSE VAN RENSBURG
CONTACT DETAILS	:	**TEL:** 014 763 8056 **Cell:** 082 371 3461 **Email:** JVRensJL@eskom.co.za

WASTE MANAGEMENT LICENCE ISSUED IN TERMS OF SECTION 49(1)(a) AND REVIEWED IN TERMS OF SECTION 53 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008(ACT NO. 59 OF 2008)

In terms of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), the Chief Director: Hazardous Waste Management and Licensing, acting under delegation, hereby grants Eskom Holdings Limited a Waste Management Licence for the following waste management activities as listed in Category A Government Notice 718 dated 03 July 2009 and Category B of Government Notice No 921 dated 29 November 2013:

Government Notice 921 of 29 November 2013

Category B

(4) *"The treatment of hazardous waste in excess of 1 ton per day calculated as a monthly average; using any form of treatment excluding the treatment of effluent, wastewater or sewage."*

(7) *"The disposal of any quantity of hazardous waste to land."*

(10) *"The construction of a facility for a waste management activity listed in Category B of this Schedule (not in isolation to associated waste management activity)."*

In this Licence, "Director" means the Director: Licensing of the National Department of Environment, Forestry and Fisheries (DEFF) who may be contacted at the address below:

Director: Licensing
Department of Environment, Forestry and Fisheries
Private Bag X447
PRETORIA
0001

In this Licence, "Director: CM" means the Director: Compliance Monitoring of the National Department of Environment, Forestry and Fisheries (DEFF) who may be contacted at the address below:

Director: Compliance Monitoring
Department of Environment, Forestry and Fisheries
Private Bag X447
PRETORIA
0001

In this Licence, "Director: RPW" means the Director: Resource Protection and Waste of the National Department of Water and Sanitation (DWS) who may be contacted at the address below:

Director: Resource Protection and Waste
Department of Water and Sanitation
Private Bag X313
PRETORIA
0001

1. SITE DETAILS

1.1 LOCATION

1.1.1 This Licence authorises the construction of the above ground temporary ashing facility and its associated infrastructure (installation of the aboveground ashing facility and construction of the overland ash conveyor belt to dispose ash from the power station to the ashing facility) and to treat,

and dispose ash at the Medupi coal fired power station ashing facility located on 1000ha of the Farm Eenzaamheid 687 LQ within the jurisdiction of Lephalale Local Municipality, Limpopo Province (herein after referred to as the "site")

1.1.2 The location of the Site must be according to the co-ordinates indicated on the licence application form, which is defined as follows:

Ash Conditioning Facility

NUMBER OF CORNERS	LATITUDE	LONGITUDE
1.	-23° 43' 32.256"S	27° 33' 46.296"E
2.	-23° 42' 33.3"S	27° 33' 44.496"E
3.	-23° 42' 35.28"S	27° 33' 45.1434"E
4.	-23° 42' 33.912"S	27° 33' 46.908"E

Ash Disposal Facility

NUMBER OF CORNERS	LATITUDE	LONGITUDE
1.	-23° 42' 19.16138"S	27° 32' 22.71182"E
2.	-23° 42' 52.94489"S	27° 32' 32.01706"E
3.	-23° 43' 03.11708"S	27° 32' 02.60958"E
4.	-23° 43' 28.29121"S	27° 30' 20.11412"E
5.	-23° 42' 43.12134"S	27° 30' 10.34308"E
6.	-23° 42' 21.46992"S	27° 31' 51.57257"E
7.	-23° 42' 49.28378"S	27° 31' 27.63894"E

1.2 DOCUMENTS CONSIDERED

1.2.1 The Waste Management Licence for the treatment and disposal of type 3 hazardous waste on a class C lined facility with reference: 12/9/11/L50/5/R1, dated 18 September 2015;

1.2.2 Environmental Compliance Audit for Medupi Power Station prepared by Mawenje Consulting, dated 14 June 2019; and

1.2.3 A Waste Management Licence variation (reference number: 12/9/11/L191018154225/5/V), dated 12 June 2020.

LICENCE CONDITIONS

1.3 SITE SECURITY AND ACCESS CONTROL

1.3.1 The Licence Holder must ensure effective access control of the Waste Management Site to prevent unauthorised entry.

1.3.2 Weatherproof, durable and legible signs in at least three official languages applicable in the area must be displayed at each entrance to the site.

1.3.3 The signs must indicate the risks involved in entering the Site, include 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 shall be managed and operated:

a) In accordance with an approved Environmental Management Programme (EMPr), that, *inter alia*, identifies and minimises the risk of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformance as well as those drawn to the attention of the Licence Holder as a result of complaints;
b) In accordance with the site operational and maintenance plan;
c) In accordance with conditions of this Licence and any other written instruction by the Director; and
d) By an adequate, competent staff complement.

2.1.2 Any persons having duties that are or may be affected by this Licence must have convenient access to a copy thereof, which copy must be kept at or near the place where those duties are carried out.

2.1.3 A copy of this Licence may be published by the Department, in its discretion, on any website or other media.

2.2 DESIGNATION OF WASTE MANAGEMENT CONTROL OFFICER

2.2.1 A Waste Management Control Officer (WMCO) must be designated in writing to monitor and ensure compliance and correct implementation of all mitigation measures and provisions as stipulated in

the Licence and standard operation procedures. The Licence Holder must keep proof of designation of the WMCO.

2.2.2 The WMCO must report any non-compliance with any Licence conditions or provisions of NEM: WA to the licensing authority.

2.2.3 The duties and responsibility of the WMCO should not be seen as exempting the Licence Holder from any other legal obligations in terms of the NEM:WA

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 an audit and after each emergency incident and major accident. The plan must, amongst others, include measures to address:

a) Power failure;
b) Operational malfunction;
c) Site fires;
d) Spillage (on Site); and
e) Natural disasters such as floods

2.3.2 The plan must include contact details of the nearest police station, ambulance services and the emergency centre as well as the contact details of the on-site emergency response person/s.

3. PERMISSIBLE WASTE

3.1 Any portion of the Site, which has been constructed or developed according to condition 4 below maybe used for the treatment and disposal of type 3 waste (ash only).

3.2 The classification and acceptance of waste must be according to the "Waste Classification and Management Regulations and associated norms and standards: (GN R 634, 23 August 2013).

4. FURTHER DEVELOPMENT OF THE FACILITY

4.1 Construction and further development within the site must be carried out under the supervision of a professional Civil Engineer, registered under the Engineering Profession of South Africa Act, 2000 (Act No. 46 of 2000) appointed by the Licence Holder and he/she must submit a written report to the Director that the site is constructed in accordance with engineering

requirements and according to design plans approved by the Director and Responsible Authority.

4.2 The site plan must only be changed under the supervision of a registered engineer and upon approval by the Director.

4.3 Construction of future cells within the permitted foot may only be undertaken once the specified engineering drawings have been submitted and approved by the Director in writing.

4.4 Works shall be constructed and maintained on a continuous basis by the Licence Holder to divert and drain from the Site in a legal manner, all runoff water arising on land adjacent to the Site, which could be expected as a result of the estimated maximum precipitation during a period of 24 hours with an average frequency of once in fifty (50) years. Such works shall, under the said rainfall event, maintain a freeboard of 800 mm.

4.5 Works must be maintained on a continuous basis by the Licence Holder to divert and drain from the working face of the Site, all runoff water arising on the Site, which could be expected as a result of the estimated maximum precipitation and to prevent such runoff water from coming into contact with leachate from the Site. Such works shall, under the said rainfall event, maintain a freeboard of 800 mm.

4.6 Runoff water referred to in conditions which do not comply with the DWS national water quality guidelines for the natural environment must be allocated for treatment prior to disposal or channelled to sewer provided permission is granted by the relevant local authority.

4.7 The maximum height of the site must be as per approved engineering design report (November 2017) and as per visual impact assessment of the height report (dated February 2018) which has been evaluated and found to be acceptable. The height is increased from 60m to a maximum of 72m.

4.7.1 The height increase is only allowed over lined areas for which both the design and construction have been approved by the Department, without deviation from the conditions of authorisation due to inter material defects (such as in the 0 to 4 year ADF area), design deviation, construction anomalies and/or operational incidents.

4.7.2 The interface shear capacity performance requirements of the critical interface in the base liner system shall be defined in accordance with Treasury Regulations (and the brand orientated specification by way of description, including the Jones and Wagener engineering concept

design report specification of a 0.9mm asperity height and GM texturing by embossed method which falsely represent shear strength performance is rejected).

4.7.3 The height variation acceptance does not usurp any of the conditions related to acceptance of design and/or construction of the facilities to date, including capping closure conditions.

4.8 The Site must be constructed by a registered professional Engineer with special recognition to civil engineering practice to ensure stability in terms of Engineering Profession of South Africa Act, 2000 (Act No. 46 of 2000).

4.9 Further development of the emergency storage area must comply with the engineering design to ensure that contamination of groundwater is prevented. The emergency storage area must have a storm water management system to collect all the contaminated water that might arise from the area.

5. IMPACT AND OPERATIONAL MANAGEMENT

5.1 Waste which is not permissible on site must be dealt with according to the relevant legislation or the Department's policies and practices.

5.2 The Licence Holder must prevent spillages. Where they happen nonetheless, condition 2.3.1 above shall apply and the Licence Holder must ensure the effectiveness and safe cleaning of such spillages.

5.3 The disposal of hazardous waste must not impact on a water resource or on any other person's water use, property or land and must not be detrimental to the health and safety of the public in the vicinity of the activity.

5.4 The Licence Holder must prevent the occurrence of nuisance conditions or health hazards.

5.5 The Licence Holder must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situations so as to minimise the risks involved. Records of training and verification of competence must be kept by the Licence Holder.

5.6 The Licence Holder must implement measures to minimise visual impacts of the site.

5.7 The Licence Holder must ensure that clearing of vegetation does not result in encroachment of exotic species.

5.8 Indigenous vegetation must be established and maintained around the ash disposal facility paying attention to blending with the natural environment.

5.9 Noise levels must be within the industrial limits within the boundary of the site.

5.10 The Licence Holder must ensure that the integrity of the waterproof base and infrastructure for the containment of the contaminated storm water is routinely monitored and corrective action must be taken before containment integrity is breached.

6. MONITORING

6.1 MONITORING METHODS AND PARAMETERS

6.1.1 The Licence Holder must carry out all tests required in terms of this Licence in accordance with published laboratory analysis methods or those prescribed by and obtainable from the South African Bureau of Standards (SABS), referred to in the Standards Act, 2008 (Act 8 of 2008).

6.1.2 The Licence Holder may only use another method of analysis if approved by the Department.

6.1.3 The Licence Holder must put in place a monitoring and measurement plan that must amongst others include;

(a) Compaction ratio;

(b) Air space monitoring;

(c) Ash disposal facility stability

(d) Noise assessment; and

(e) Ground water and surface water quality monitoring including contaminated storm water.

6.2 WATER QUALITY MONITORING

6.2.1 The Medupi above ground future cells ashing facility must be lined according to the Norms and Standards for Waste disposal, GN R 636 of 23 August 2013, to minimise the seepage of pollutants into the ground water.

6.2.2 The Licence Holder must install a technologically advanced drainage and monitoring system as

part of the Medupi ashing facility to prevent pollution through seepage. Early leak detection measures must be implemented for when it happens nonetheless.

6.2.3 The Licence Holder must monitor surface and groundwater quality on a monthly basis and implement corrective measures if pollution is detected.

6.2.4 The Licence Holder must establish and maintain a monitoring borehole network for the site whereby there is at least one upstream and another downstream for each aquifer hydro-geologically linked to the ash dump. There must be no obstruction to sampling, as required in terms of this Licence.

6.2.5 Monitoring boreholes must be accessible and equipped with lockable caps. The Department and DWS reserves the right to take water samples at any time and to analyse these samples or have them analysed.

6.3 BACKGROUND MONITORING

6.3.1 Samples from the boreholes as required in condition 6.2.4 above, where the groundwater in the boreholes is at an expected higher hydraulic pressure level of the groundwater under the site, must be considered as background monitoring.

6.3.2 Background groundwater monitoring must be conducted each monitoring occasion at condition 6.3 and 6.4 for water quality variables listed under Annexure II.

6.4 DETECTION MONITORING

6.4.1 Monitoring must be conducted during wet and dry season of each year for the water quality variables listed in paragraph (a) for wet season and (b) of Annexure III for dry season sample must be tested.

6.5 INVESTIGATIVE MONITORING

6.5.1 If, in the opinion of the Director or Director: DWS, a water quality variable listed under the detection monitoring programme, as referred to in condition 6.3, shows an increasing trend, the Licence Holder must initiate a monthly monitoring programme for the water quality variables listed in Annexure II.

7 INVESTIGATIONS

7.1 If, in the opinion of the Director, pollution, nuisances or health risks may be or is occurring on the Site, the Licence Holder must initiate an investigation into the cause of the problem or suspected

problem.

7.2 Should the investigation carried out as per condition 7.1 above reveal any unacceptable levels of pollution, the Licence Holder must submit mitigation measures to the satisfaction of the Director.

8 RECORDING

8.1 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.

8.2 Records demonstrating compliance with condition 8.1 must be maintained for five years.

9 REPORTING

9.1 The Licence Holder must, within 24 hours, notify the Director: CM and Director: Licensing 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 Director, from the occurrence or detection of any incident referred to in condition 8.1, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by top management, to the satisfaction of the Director 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 Director may implement the necessary measures at the cost and risk of the Licence Holder.

9.4 The information required in terms of the water quality management plan must be reported to the Director: RPW bi-annually. The information must include a trend report which must contain a graphical representation of all results obtained at any specific point as well as interpretation and discussion of each monitoring occasion.

9.5 The Licence Holder must keep an incident report and complaints register, which must be attached to the external audit report as well as the Department for the purpose of audit.

9.6 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.

9.7 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) Particulars 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.

9.8 The information required in terms of condition 6 must be reported to the Director in a yearly report. The information must also be included into a trend report, which must contain a graphical representation of all results obtained previously at any specific point, as well as an interpretation and discussion of the results of each monitoring occasion.

9.9 Each external audit report referred to in condition 10.2 below must be submitted to the Director within 30 days from the date on which the external auditor finalised the audit report.

9.10 The Licence Holder must register with the South Africa Waste Information System (SAWIS) and

report quantities of waste managed as per the Waste Information System.

10 AUDITING

10.1 INTERNAL AUDITS

10.1.1 Internal audits must be conducted biannually 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 10.2.1 below.

10.2 EXTERNAL AUDITS

10.2.1 The Licence Holder must appoint an independent external auditor to audit the site annually and the auditor must compile an audit report documenting the findings of the audit, which must be submitted by the Licence Holder.

10.2.2 The audit report must:

a) Specifically state whether conditions of this licence are adhered to;
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.
e) Show monitoring results graphically and conduct trend analysis.

10.3 DEPARTMENTAL AUDITS AND INSPECTIONS

10.3.1 The Department reserves the right to audit and/or inspect the Site without prior notification at any time and frequency as may be determined by the Director.

10.3.2 The Licence Holder must make any records or documentation available to the Director upon request, as well as any other information he/she may require.

11 MONITORING COMMITTEE

11.1 The Licence Holder must maintain and ensure the continued functioning of the monitoring committee for the normal operative lifetime of the Site, or such longer period as may be determined by the Director.

11.2 The Monitoring Committee must formulate a Terms of Reference (ToR) and code of conduct, according to the latest edition of the Environmental Monitoring Committees (EMCs), Integrated Environmental Management (IEM) Information Series 21.

11.3 The Monitoring Committee must be a representative of relevant Interested and Affected Persons (I & APs) as recommended in the latest Environmental Monitoring Committee (EMCs), Integrated Environmental Management (IEM) Information Series 21.

11.4 The Monitoring Committee must meet at least twice a year and not later than 30 days after the external audit report specified in condition 11.2.

11.5 The Licence Holder must keep minutes of all meetings of the Monitoring Committee and distribute the minutes to all members of the Monitoring Committee, including the Director within 30 days after the meeting.

12 LEASING AND ALIENATION OF THE SITE

12.1 Should the Licence Holder want to alienate or lease the Site, he/she must notify the Director in writing of such an intention at least 120 days prior to the said transaction for approval.

12.2 Should the approval be granted, the subsequent Licence Holder shall remain liable for compliance with all licence conditions.

13 TRANSFER OF WASTE MANAGEMENT LICENCE

13.1 Should the Licence Holder want to transfer the Licence, he/she must apply in terms of Section 52 of the National Environmental Management: Waste Act, 2008 (Act No 59 of 2008).

13.2 Any subsequent Licence Holder shall be bound by conditions of the Licence.

14 GENERAL

14.1 Should the Licence Holder be notified by the Minister in writing of a suspension of the Licence pending any appeals decision, you may not continue with the reviewed WML.

14.2 After the appeal period has expired and no good cause to extend the appeal period has been submitted, the activity may continue provided a notice has been submitted to the Director.

14.3 This Licence shall not be transferable unless such transfer is subject to condition 13.1.

14.4 This Licence shall not be construed as exempting the Licence Holder from compliance with the provisions of National and Provincial Legislation and any relevant Ordinance, Regulation, By-law or relevant National Norms and Standards.

14.5 Transgression of any conditions of this Licence could result in the Licence being withdrawn, revoked and suspended by the Department.

14.6 Non-compliance with a condition of this Licence may result in criminal prosecution or other actions provided for in Section 67 (1) of the National Environmental Management: Waste Act, 2008.

14.7 In terms of section 28 and 30 of the NEMA 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 understands 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 the environmental risks of their work and training them to operate in an environmentally acceptable manner.

14.8 This Licence is valid for a period of ten (10) years and shall be reviewed every five (05) 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 the validity thereof extended.

15 APPEAL OF LICENCE

15.1 The Licence Holder must notify every registered interested and affected party, in writing and within twelve (12) days, of receiving the Department's decision.

15.2 The notification referred to in 15.1 must –

15.2.1 Specify the date on which the Licence was issued;

15.2.2 Inform the registered interested and affected party of the appeal procedure provided for in Chapter 2 of GN No. R 993 of 08 December 2014 in terms of National Environmental Management Act, 1998, as amended (see Annexure I);

15.2.3 Advise the interested and affected party that a copy of a Licence will be furnished on request; and

15.2.4 An appeal against the decision must be lodged in terms of chapter 2 of GN No. R 993 of 08 December 2014 in terms of NEMA 1998, as amended, from the date of this licence, with: The Minister: Department of Environmental Affairs, Private Bag X 447, PRETORIA, 0001
Tel No. 012 399 9356, Email: appealsdirectorate@environment.gov.za

MS MISHELLE GOVENDER
CHIEF DIRECTOR: HAZARDOUS WASTE MANAGEMENT AND LICENSING
DATE: 26/03/2021

ANNEXURE I

APPEALS PROCEDURE IN TERMS OF THE NATIONAL APPEAL REGULATIONS GN 993TO BE FOLLOWED BY THE APPLICANT AND INTERESTED AND AFFECTED PARTIES UPON RECEIPT OF NOTIFICATION OF A WASTE MANAGEMENT LICENCE

1. LODGING OF AN APPEAL

1.1 An appellant must submit the appeal submission (the Appeal Questionnaire and Appeal and Response Form) to the appeal administrator, and a copy to the applicant, and registered interested and affected parties within twenty (20) days from:

- The date that the notification of the decision for an application for an environmental authorisation or a waste management licence was sent to the registered interested and affected parties by the applicant; or
- the date that the notification of the decision was sent to the applicant by the competent authority, issuing authority or licencing authority, in the case of decisions other than those referred to above.

1.2 An appeal submission must be submitted in writing in the form of the appeal questionnaire annexed to this guideline as "Appendix A" and accompanied by:

- a completed Appeal and Response Form setting out the grounds of the appeal,
- supporting documentation that is referred to in the appeal which did not form part of the documentation considered when the original decision was made, and

Appendix A

APPEAL QUESTIONNAIRE

An electronic copy of this questionnaire may be obtained from:
Mr M. Rakgogo at telephone: 012 399 9626 or e-mail:
AppealsDirectorate@environment.gov.za

Once completed, this document must be forwarded to:
E-mail: AppealsDirectorate@environment.gov.za

Physical Address: Department of Environmental Affairs, 473 Steve Biko Road, Environment House, Arcadia, Pretoria, 0002

Appelants contact information:

Name: _____

Address: _____

_____

_____

Phone: _____

Cell: _____

Email: _____

Project information:

Project name: _____

Authorisation register number as on environmental authorisation:

_____

Authorisation date as on environmental authorisation:

_____

IMPORTANT! Please note:

- *The decision of the department is reflected in the letter of authorisation or rejection. The conditions of approval are contained in the environmental authorisation document, attached to the authorisation letter.*

- *The appeal must be accompanied by all relevant supporting documents or copies of these that are certified as true by a commissioner of oaths.*
- *The grounds of your appeal and the facts upon which they rest must be set out. You should formulate your objections or concerns as averments and not as questions about the project. Please therefore refrain from material or remarks that do not contribute to the merits of your appeal.*
- *To assist in this regard, the following questions are listed as a guideline only – more space may be used if necessary:*

1. Are you lodging this appeal as an individual or on behalf of a community/organisation?

Individual	Community/ organisation

If on behalf of a community or organisation, please provide proof of mandate to do so.

2. Is your appeal based on factors associated with the process that was followed by the applicant in obtaining authorisation?

Yes	No

Please provide reasons:

3. Is your appeal based on factors associated with environmental impacts not taken into account by the department in refusing or authorising the application?

Yes	No

Please provide reasons:

4. Would you agree to the activity proceeding if your concerns can be addressed by rectifying the process or mitigating or eliminating the impacts of the activity?

Yes	No

Please provide reasons:

5. Are you fundamentally opposed to any development activity on the site?

Yes	No

Please provide reasons:

6. Do you have an objection in principle against the development?

Yes	No

Please provide reasons:

7. Does your appeal contain any new information that was not submitted to the environmental consultant or department prior to the department's consideration of the application?

Yes	No

If the answer above is yes, please explain why it should be considered by the Minister and why it was not made available to the environmental consultant or department during the application process.

8. **DECLARATION:**

I declare that the contents of this submission are to the best of my knowledge the truth and I regard this declaration as binding on my conscience.

_____

APPELLANT
DATE:

ANNEXURE II
WATER QUALITY VARIABLES REQUIRED FOR WATER QUALITY MONITORING: CONDITION 6

Ammonia (NH_3-N)
Alkalinity (P.Alk)
Lead (Pb)
Cadmium (Cd)
Baron (B)
Biological Oxygen Demand (BOD)
Calcium (Ca)
Chemical Oxygen Demand (COD)
Chloride (Cl)
Chromium (Hexavalent) (Cr^6)
Chromium (Total) (Cr)
Cyanide (CN)
Electrical conductivity (EC)
Free Saline Ammonia as N (NH_4 – N)
Magnesium (Mg)
Mercury (Hg)
Nitrate (as N) (NO_3 – N)
pH
Phenolic Compounds (K)
Potassium (K)
Sodium (Na)
Sulphate (SO4)
Total Dissolved Solids (TDS)
Total Organic carbon (TOX)
Total Organic halogen
Volatile Organic compounds
Fluoride (F)

ANNEXURE III

WATER QUALITY VARIABLES REQUIRED FOR BACKGROUND AND DETECTION MONITORING

(a) Wet season

Alkalinity (P. Alk)
Chemical oxygen demand (COD)
Chlorides (Cl)
Nitrate (NO_3 – N)
Potassium (K)

(b) Wet and Dry season for

Electrical conductivity (EC)
Calcium (Ca)
Fluoride (F)
Magnesium (Mg)
Sodium (Na)
Sulphate (SO_4)