1.3 TYPE OF APPLICATION REQUIRED FOR ABOVE-MENTIONED ACTIVITIES

1.3.1 Application for Basic Assessment

Is this an application for conducting a basic assessment (as defined in the Regulations)?		NO

Please indicate when the basic assessment report will be submitted:

[redacted]

1.3.2 Application for Scoping and Environmental Impact Reporting (S&EIR) assessment

Is this an application for S&EIR (as defined in the EIA Regulations, 2010) reporting?	YES	[redacted]

Please indicate when the S&EIR Report (including the Plan of Study for EIA) will be submitted:

Scoping Report and Plan of Study for EIA to be Submitted in Nov 2012 – still to be confirmed		
The scoping report will be submitted after consultation with the competent authority:	YES	NO

1.4 Size of Site and Classification

Size of facility for a waste management activity	**759 ha (Total 2500 ha – existing plus proposed)**
Area where the waste management activity takes place	**Tutuka Power Station**
Classification of facility in terms of climatic water balance	**To be determined during the EIA process**
Classification of Facility in terms of the type and the quantity of waste received	**Ash disposal site**

1.5 Operational times

PERIOD	FROM	UNTIL
Weekdays	**Continuous (24 hour daily operation)**	
Saturdays		
Sunday		
Public holidays		

SECTION 2: WASTE QUANTITIES

2.1 Indicate or specify types of waste and list the estimated quantities expected to be managed daily (should you need more columns, you are advised to add more)

Hazardous waste	Non hazardous waste	Total waste handled (tonnes per day)
Ash	-	Approximately 12 700 m^3 per day. This translates to approximately 12 700 tons per day (utilising a specific gravity for fly ash of 2.3 and the bulk density of 1 ton/m3)

Source of information supplied in the table above Mark with an "X"

Determined from volumes	X
Determined with weighbridge/scale	
Estimated	

2.2 Recovery, Reuse, Recycling, treatment and disposal quantities:

Indicate the applicable waste types and quantities expected to be disposed of and salvaged annually:

TYPES OF WASTE	MAIN SOURCE (NAME OF COMPANY)	QUANTITIES		ON-SITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE DISPOSAL
		TONS/ MONTH	M^3/MONTH	method & location	method location and contractor details	
Ash	Tutuka Power Station		Approximately 381 000 m^3	On site dry disposal	-	-

SECTION 3: GENERAL

3.1 Prevailing wind direction (e.g. NWW)

November – April	North Westerly
May - October	Easterly

3.2 The size of population to be served by the facility

	Mark with "X"	Comment
0-499		Not Applicable – the facility is for Tutuka power station usage only
500-9,999		
10,000-199,999		
200,000 upwards		

3.3 The geological formations underlying the site:

Granite		Quartzite	
Shale	X	Dolomite	
Sandstone		Dolerite	X

Other_____

SECTION 4: COMPETENCE TO OPERATE SITE

It is imperative that the holder of the waste management licence is a fit person in terms of section 59 of the NEMWA (59 of 2008). To assess the holder's competence to operate the site, please disclose the following:

4.1 Legal compliance

	YES/NO	DETAILS
Has the applicant ever been found guilty or issued with a non compliance notice in terms of any national environmental management legislation?	NO	These details have specific reference to Tutuka Power Station
Has the applicant's licence in terms of the Waste Act 2008 ever been revoked?	NO	
Has the applicant ever been issued with a non compliance notice or letter in terms of any South African Law?	NO	

***NB**: Details required above include any information that the applicant wants the Department to take into consideration in determining whether they are a "fit person" and this includes reasons why the offence happened and measures in place to prevent recurrence*

4.2 Technical competence

What technical skills are required to operate the site?	• An ash system Engineer (Mechanical) • A Civil Engineer • A quantity surveyor • Senior technician(Eskom) • Site supervisor (Roshcon) • Site manager(Roshcon) • Contracts manager (Eskom) • Maintenance personnel (Roshcon and Eskom) • Stacker operators
How will the applicant ensure and maintain technical competency in the operation of the site?	Training, quality control and assurance as well as plant monitoring , ensuring that the current operations of the dump is as per the design.

4.3 Details of applicant's experience and qualification along with that of relevant employees must be summarised as shown in the table below:

NAME	POSITION	DUTIES AND RESPONSIBILITIES	QUALIFICATIONS AND EXPERIENCE
Please note these are the current names and are accurate as of August 2012, it should be noted that the specific people involved may change from time to time.			
Ryno Lacock	PSM	Power Station Manager	B. Eng, B.Com, M.B.A. 22 years
Johan Venter	Civil Engineer (External)(Eskom)	Civil/Structural System Engineer	B.Tech Civil Engineering 12 yrs experience

Jan Zwart	Materials Handling Contracts Manager (Eskom)	Contracts Management	National N Diploma Mechanical 29 yrs experience
Egard van Rensburg	Mechanical Engineer (Eskom)	Ash Plant System Engineer	National Higher Diploma 18 yrs experience
Marius van Wyk	Senior Technician (Eskom)	Contract Supervision	N4 Certificate (Mechanical) Artisan, 24 yrs experience
Blikkies Blignaut	Site Supervisor (Roshcon)	Site Supervision/conveyors	Matric/N3 Mechanical Artisan 22 yrs experience
Janavari Nkabinde	Site Supervisor (Roschon)	Site Supervision/ash handling	St 6, 13 years
Pearson Cameron	Site Manager (Roshcon)	Site Management	Higher Teacher Degree 20 yrs experience
Duduzile Lephoto	Safety Officer (Roshcon)	Safety	National Diploma in safety 6 yrs experience
Strauss Roux	Contracts Manager (Roshcon)	Contract Management	National Diploma (Project Management) National Diploma (Coal handling) 22 years

4.4 Financial Provisions

Provide a plan of estimated expenditure for the following:

	ATTACHED/NOT ATTACHED	SECTION OF THE REPORT WHERE IT IS ATTACHED
Environmental Monitoring	Not Attached	The information will be provided at EIR/ESR
Provision and replacement of infrastructure	Not Attached	
Restoration and aftercare	Not Attached	

SECTION 5: LANDFILL PARAMETERS

5.1 The method of disposal of waste:

Land-building	X	Land-filling		Both	

The dimensions of the disposal site in metres

	At commencement	After rehabilitation
Height/Depth	Unknown at this stage – however footprint is estimated to be 759 ha requiring 229 million m^3 of air space	
Length		
Breadth		

5.2 The total volume available for the disposal of waste on the site:

Volume Available	Mark with "X"	Source of information (Determined by surveyor/ Estimated)
Up to 99		
100-34 999		
35 000- 3,5 million		
>3,5 million	X	Tutuka Power Station is anticipated to ash approximately 229 million m^3 until the end of its life span in 2055 (approximately 44 years) This ash dump shall be able to accommodate the ashing requirements of the power station for the next 44 years, from 2012 to 2055.

5.3 The total volume already used for waste disposal:

(a) Will the waste body be covered daily		NO
(b) Is sufficient cover material available	YES	
(c) Will waste be compacted daily		NO

If the answers (a) and/or (b) are No, what measures will be employed to prevent the problems of burning or smouldering of waste and the generation of nuisance?

The waste disposal facility is an Ash Dump at the Tutuka Power Station – Tutuka use dust suppression sprayers and rehabilitation is done on completed working areas. The top soil thickness is approximately 1 meter thick in front of the ash dump. Compaction is done prior to conveyor shifts. Tutuka normally stack and dose their ash

5.4 The Salvage method

Mark with an "X" the method to be used.

At source	
Recycling installation	
Formal salvaging	
Contractor	
No salvaging planned	X