

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

5.5 Fatal Flaws for the site:

Indicate which of the following apply to the facility for a waste management activity:

- Within a 3000m radius of the end of an airport landing strip
- Within the 1 in 50 year flood line of any watercourse
- Within an unstable area(fault zone, seismic zone, dolomitic area, sinkholes)
- Within the drainage area or within 5 km of water source
- Within an area with shallow and/or visible water table
- Within an area adjacent to or above an aquifer
- Within an area with shallow bedrock and limited available cover material
- Within 100 m of the source of surface water
- Within 1km from the wetland
- Indicate the distance to the boundary of the nearest residential area
- Indicate the distance to the boundary of the industrial area

	NO
YES	
	NO
YES	
	NO
	NO
	NO
YES	
YES	
12.5 km (Perdekop)	
1.3 km (Majuba Power Station)	

5.6 Wettest six months of the year

- November- April
- May -October

X

5.7 For the wettest six month period indicated above, indicate the following for the preceding 30 years

Only rainfall data from January 2007 – August 2012 was available for the Majuba Power Station – please note that this data is unverified.

	Total rainfall for 6 months	Total A-pan evaporation for 6 months	Climatic water balance
For the 1 st wettest year - 2009	694.4	-	--
For the 2 nd wettest year - 2010	663.8	-	--
For the 3 rd wettest year - 2011	397.3	-	--
For the 4 th wettest year - 2007	277	-	--
For the 5 th wettest year - 2012 – to date	254.5	-	--
For the 6 th wettest year - 2008	238	-	--
For the 7 th wettest year	-	-	--
For the 8 th wettest year	-	-	-
For the 9 th wettest year	-	-	-
For the 10 th wettest year	-	-	-


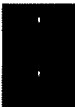



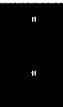
5.8 Location and depth of ground water monitoring boreholes:

Codes of boreholes	Borehole locality	Depth (m)	Latitude	Longitude
AB01	West - Next to western boundary fence - downstream from dam AP03.	37	-27.10710	29.73820
AB02	South - Next to farm gate in field in the south.	28	-27.12210	29.75860
AB03	East - About 100m south east of dam AP01 between 3 poles.	39	-27.10920	29.75810
AB04	N East - Between road and fence north of bridge.	31.5	-27.10220	29.75940
AB05	*Wind pump SE of ashing area. Labelled B5 or B13 in previous reports	-	-27.11970	29.75203
AB07	Old disused borehole (about 20m east of cement dam).	17.5	-27.11740	29.75120
AB08	South W - On side of hill outside new security fence.	-	-27.12240	29.74310
AB09	South - Wind pump on farm south of Ashing area.	-	-27.13720	29.75840
AB10	South - Wind pump on farm south of Ashing area.	-	-27.14360	29.74830
AB11	East - In marshy area of Palmiet Spruit - north east of AB02.	41.5	-27.12000	29.75870
AB12	North - North of dam AP02.	33	-27.10100	29.74620

AB13	North - North of dam AP02.	36	-27.10070	29.74340
AB14	S West - Next to western fence.	33.5	-27.11340	29.73850
AB23	West - Windmill about 100m from fence.	-	-27.11110	29.73940
AB26	Under big dam at ash	44	-27.10510	29.75770
AB29	Background borehole east of ashing area	-	-27.10498	29.73280
AB30	South eastern corner next to fence - Deep	40	-27.11364	29.75704
AB31	South eastern corner next to fence - Shallow	18	-27.11361	29.75704
AB32	North-west of AB03	36	-27.10871	29.75748
AB33	S Western corner in cleared area	16	-27.11512	29.73963
AB34	S Western corner in cleared area	52	-27.11506	29.73957
AB35	North of ash stack next to fence.	15	-27.10139	29.75274
AB36	North of ash stack next to fence.	36	-27.10140	29.75271
CB20	Borehole near tar road, opposite bridge.	28.5	-27.09030	29.79150
CB22	In Coal Stockyard near road.	36.5	-27.11390	29.78650
CB27	North of Coal Stock Yard.	43.5	-27.10520	29.78170
CB28	East of new railway line next to trench CC08.	41.5	-27.10460	29.79130
PB15	In corner of conveyer and PS fence.	40	-27.10380	29.76170
PB16	In game reserve, most northern fence.	40	-27.07840	29.76590
PB17	Next to western fence of sewerage plant.	38	-27.08960	29.77300
PB18	Destroyed - Was next to road and raw water dam- Replaced by PB37	36	-27.09570	29.77930
PB19	At solid waste site, next to gravel road.	35	-27.11810	29.77080
PB24	SW of Power Station.	36.5	-27.10180	29.76220
PB25	Under Emergency dam.	40	-27.08280	29.76790
PB37	Next to road and raw water dam.	36	-27.09649	29.78000

5.9 Location and depth of landfill gas monitoring test pit:

Not Applicable – the Majuba Power Station does not have gas monitoring boreholes - this application is for an ash dump facility.


Codes of boreholes	Borehole locality	Latitude	Longitude
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PART E: DECLARATION BY THE APPLICANT

1. The Applicant

I, Dedre Herbst, declare that I -

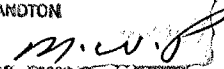
- am, or represent¹, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner²;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to -
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.


 Signature of the applicant³/ Signature on behalf of the applicant:

Eskom Holdings SOC Limited
 Name of company (if applicable):

17/08/2012
 Date:

HANDEKENING VAN VERLAARDE/SIGNATURE OF DECLARANT Ek verklaar dat die verklaarde erken dat hy/sy verantwoordelik is vir die inhoud van die verklaring en die verskaffing van alle inligging wat nodig is vir die uitvoering van die proses. Ek aanvaar die aanspreeklikheid vir die inhoud van die verklaring en die verskaffing van alle inligging wat nodig is vir die uitvoering van die proses. I declare that the declarant has acknowledged that s/he is responsible for the content of the declaration and the provision of all information that is necessary for the execution of the process. I accept the responsibility for the content of the declaration and the provision of all information that is necessary for the execution of the process.	
Volle voornam en agternam Full first name and surname SAVATHINWE	
Amp (rang) Designation (rank) Commandant	
Beskermingsdiens Protective Services MEGAWATT PARK MAXWELLYLAAN SANDTON MAXWELL DRIVE SANDTON	
Republiek van Suid-Afrika Republic of South Africa	

17.08.2012 

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.
² If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.
³ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.