



**WASTE LICENCE
APPLICATION PROCESS
FOR WASTE ACTIVITIES
IN TERMS OF THE
NATIONAL
ENVIRONMENTAL
MANAGEMENT :WASTE
ACT 2008 (No. 59 of 2008)**

TABLE OF CONTENTS

PART 1: WASTE ACTIVITIES LICENSING APPLICATION PROCESS EXPLAINED:	4
1.1 Licensing process:	4
1.2 Where to submit applications	4
1.3 Making an Application	6
2. DEFINITIONS:.....	7
3. THE WASTE LICENSING APPLICATION STAGES:	7
3.1 Stage 1: Pre-application	7
3.2 Criteria for determining whether basic assessment or scoping is to be applied to applications	7
PART 2: APPLICATION FORM FOR NEW LICENCE	8
SECTION 1 – TYPE OF APPLICATION AND FACILITY:	9
SECTION 2: SITE IDENTIFICATION, LOCATION AND LANDUSE	11
Size of Site and Classification	12
Current land-use where the site is situated:	12
Geographical coordinates of all external corner points of the site:	12
Site Address:	12
SECTION 3: CONTACT INFORMATION.....	13
Operational times	14
SECTION 4: PROCESS/ACTIVITY DESCRIPTION:	15
Project Title	15
Project Description:	15
SECTION 5: WASTE QUANTITIES.....	16
Recovery, Reuse, Recycling, treatment and disposal quantities:	16
SECTION 6: GENERAL.....	16
Prevailing wind direction (e.g. NWW)	16
The size of population to be served by the facility	16
The geological formations underlying the site:	16
SECTION 7: COMPETENCE TO OPERATE SITE.....	17
Legal compliance	17
Technical competence.....	17
Financial Provisions.....	18
SECTION 8: LANDFILL PARAMETERS.....	19
The method of disposal of waste:	19
The dimensions of the disposal site in metres	19

The total volume available for the disposal of waste on the site	19
The total volume already used for waste disposal:	19
The Salvage method	19
Fatal Flaws for the site:	19
Wettest six months of the year	20
Location and depth of ground water monitoring boreholes:.....	20
Location and depth of landfill gas monitoring test pit:.....	21
SECTION 9: DECLARATIONS	22
The independent Environmental Assessment Practitioner	22
The Applicant	23
PART 3: APPLICATION FORM FOR AMENDMENT TO AN EXISTING AUTHORISATION	24
Details of Current Licence:.....	24
The Proposed Modification:	24
Change of Information	25
PART 4: APPLICATION FORM FOR CLOSURE.....	26
Details of Current Licence:.....	26
Section of this form to fill:.....	26
Documentation Requirements:	26
APPENDIX: A1.....	28
APPENDIX B1.....	29
APPENDIX B2.....	30

THE WASTE LICENSING APPLICATION PROCESS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT 2008 (No. 59 of 2008) "NEMWA".

PART 1: WASTE ACTIVITIES LICENSING APPLICATION PROCESS EXPLAINED:

1.1 Licensing process:

- 1.1.1 The waste licensing process for listed activities under Schedule 1 in the National Environment Management Waste Act 2008 is as defined in the environmental impact assessment (EIA) regulations made under section 24(5) of the National Environment Management Act 2008 (NEMA) No. 107 of 1998.
- 1.1.2 This application form is the official form in terms of Regulation 13 (2) (a) of the EIA regulations R385 of 2006 and must accompany every licence application pertaining to waste activities in terms of NEMWA.

1.2 Where to submit applications

- 1.2.1 The Minister of Water and Environmental Affairs is the licensing authority in respect of all activities listed in both categories of Schedule 1 of NEMWA pertaining to hazardous waste. The application for a waste licence in terms of section 45 of the National Environment Management Waste Act 2008 (59 of 2008) for hazardous waste activities must be submitted by lodging an application with the National Department of Environment. The application must be marked for the attention of:

The Director: Authorisation and Waste Disposal Management
Private Bag X447
Pretoria 0001
Tel: 012 310 3920
Fax: 012 310 3753

- 1.2.2 The Member of the Executive Council of a province who is responsible for waste management in the province "MEC" is the licensing authority in respect of all activities listed in both categories of Schedule 1 of NEMWA pertaining to general waste. The application for a waste licence in terms of section 45 of the National Environment Management Waste Act 2008 (No. 59 of 2008) for general waste activities must be submitted by lodging an application with the relevant provincial department and applications must be marked for the attention of the Head of Department in the relevant province at the following addresses:

Head of the Department
Department of Environmental Affairs and Development Planning
Private Bag X 9086
CAPE TOWN
8000
Fax: 021 483 4425
Tel: 021 483 5109

Head of Department
Department of Economic Development and Environmental Affairs
Private Bag X 0054
BHISHO
5605
Fax: 040 609 4700
Tel: 040 609 4702

Head of Department
Department of Economic Development Tourism and Environment Affairs
Private Bag X 20801
BLOEMFONTEIN
9300
Fax: 051 400 4772
Tel: 051 400 4917

Head of Department
Department of Agriculture and Rural Development
P.O. Box 8769
JOHANNESBURG
2000
Fax: 011 333 0667
Tel: 011 355 1927

Head of Department
Department of Agriculture Environmental Affairs and Rural Development
Private Bag X 9059
PETERMARITZBURG
3200
Fax: 033 355 9593
Tel: 033 355 9621

Head of Department
Department of Economic Development, Environment and Tourism
Private Bag X 9484
POLOKWANE
0700
Fax: 015 291 5809
Tel: 015 291 5447

Head of Department
Department of Economic Development Environment and Tourism
Private Bag X 11219
NELSPRUIT
1200
Fax: 013 766 8445
Tel: 013 766 6063

Head of Department
Department of Agriculture, Conservation and Rural Development
Private Bag X 2039
MMABATHO
2735
Fax: 018 389 5006
Tel: 018 389 5341

Head of Department
Department of Environmental Affairs and Nature Conservation
Private Bag X 6102
KIMBERLEY
8300
Fax: (053) 807 7367

1.3 Making an Application

- 1.3.1 The applicant must fill in all relevant sections of this form. Incomplete applications will not be processed. The applicant will be notified of the missing information in the acknowledgement letter that will be sent within 14 days of receipt of the application. Sections in the form that do not apply to the applicant must be marked "not applicable"
- 1.3.2 There is no prescribed fee.
- 1.3.3 This application form is in effect as of 01 July 2009. It is the responsibility of the Applicant/Environmental Assessment Practitioner "EAP" to ascertain whether subsequent versions of the form have been published or produced by the licensing authority. It is the applicant's responsibility to download the current version of the application form from the South African waste information centre website (www.sawic.org.za).
- 1.3.4 The application form may be submitted electronically **and** four hardcopies of the form must be submitted to the Directorate: Authorisation and Waste Disposal Management where the national department is the licensing authority. The applicant must contact the relevant provincial office regarding the number of copies required to process the application where provincial departments are the licensing authorities. All application forms must be signed as stipulated in the form. Applications that are not signed or completed accordingly will not be considered.
- 1.3.5 Where the national department is the licensing authority, all applications forms must be accompanied by four copies of reports and other documents required in terms of the EIA Regulations.
- 1.3.6 Where the provincial department is the licensing authority, all applications forms must be accompanied by the number of copies required by that province for reports and other documents required in terms of the EIA Regulations.

1.3.7 The applicant must clearly mark confidential sections of the information submitted in the application form and supporting documents. All other information will become public information on receipt by the licensing authority.

2. DEFINITIONS:

2.1 Definitions in this form are as per EIA Regulation in terms of Chapter 5 of the National Environmental Management Act , 1998 and waste management activities list in terms of the National Environmental Management: Waste Act 2008, No. 59 of 2008.

3. THE WASTE LICENSING APPLICATION STAGES:

3.1 Stage 1: Pre-application

Before making an application:

- The applicant must appoint an EAP in terms of EIA regulations
- The EAP must comply with general requirements as given in EIA regulations
- The EAP may be disqualified in terms of EIA regulations

3.2 Criteria for determining whether basic assessment or scoping is to be applied to applications

3.2.1 Basic assessment must be applied to an application if the authorisation applied for is in respect of an activity listed in Category A in schedule 1 of the NEMWA (59 of 2008).

3.2.2 Scoping and EIA must be applied to an application if the authorisation applied for is in respect of an activity listed in Category B in schedule 1 of the NEMWA (59 of 2008).



WASTE LICENCE APPLICATION FORM

PART 2: APPLICATION FORM FOR NEW LICENCE





(For official use only)

File Reference Number:

Date Received:

Classification:

WASTE LICENCE APPLICATION FORM
in terms of the National Environmental Management: Waste Act, 2008 (No. 59 of 2008)

THE APPLICATION FORM MAY BE TYPED OR HAND-WRITTEN.

SECTION 1 – TYPE OF APPLICATION AND FACILITY:

Indicate the type of application by marking with a cross and fill in the required sections only

TYPE OF APPLICATION	MARK	SECTIONS OF THE FORM TO BE FILLED IN
A new licence	X	Part 2 and see table of activities below for relevant sections of part 2
A licence amendment		Part 3 and Part 2 only if there are changes to the information or the applicant holds a permit issued in terms of section 20 of ECA (No. 78 of 1989) as amended.
A licence for closure		Part 4, Section 2, 3a, 3b, & 3c. of part 2 of this application form

Indicate the type of facility/operation and fill in the required sections only

TYPE OF ACTIVITY	MARK	SECTIONS OF THE FORM TO BE FILLED IN
Recycling and/or recovery Facility		All except Section 8
Storage and or transfer Facility		All except Section 8
Treatment facility		All except Section 8
Disposal facility	X	All

Activities applied for

An application may be made for more than one listed or specified activity that, together, make up one development proposal. All the listed activities that make up this application must be listed.

INDICATE THE NO. & DATE OF THE RELEVANT NOTICE:	ACTIVITY NUMBERS (AS LISTED IN THE WASTE MANAGEMENT ACTIVITY LIST) :	DESCRIBE EACH LISTED ACTIVITY:
GN32368, July 2009	Category B4 (9)	The disposal of any quantity of hazardous waste to land (treated sewage sludge)
GN32368, 3 July 2009	Category A3 (2)	The storage including temporary storage of hazardous waste at a facility that has the capacity to store in excess of 35m ³ of hazardous waste at any one time, excluding the storage of hazardous waste in lagoons.

NB: Authorisation issued will only cover activities applied for and listed above. Activities added in the middle or after the processing of this authorisation may mean a totally new application.

Application for Category A (equivalent to Basic Assessment)

Please note that the activity for which this application is being made forms part of an amendment to an approved EIA/EMP for a mining operation and therefore falls under the remit of Regulation 49 of the Minerals and Petroleum Resources Development Act (Ac 28 of 2002) as well as the requirements stipulated under section 24(5) of the National Environmental Management Act, 1998, both of which require full scoping and environmental impact assessment process.

Is this an application for a basic assessment (as defined in the EIA regulations)?

<input checked="" type="checkbox"/>	NO
YES	NO

If, YES, is a basic assessment report attached?

If, NO, please indicate when the basic assessment report will be submitted:

Please see application for category B

Is information required as per Appendix B1 of this form attached?

YES	NO
-----	----

If, NO, please ensure that it is submitted together with the basic assessment report (BAR)

Application for Category B (equivalent to Scoping and Environmental Impact Assessment (EIA))

Is this an application for Scoping and EIA (as defined in the EIA regulations)?

YES	<input checked="" type="checkbox"/>
-----	-------------------------------------

Please indicate when the Scoping Report and Plan of Study for EIA will be submitted:

February 2011

Please ensure that both Appendix B1 and B2 are completed and included in reports

The scoping report and/or the plan of study for EIA will be submitted after consultation with the competent authority

A consultation with the competent authority is hereby requested:

YES	<input checked="" type="checkbox"/>
YES	<input checked="" type="checkbox"/>

SECTION 2: SITE IDENTIFICATION, LOCATION AND LANDUSE

Please indicate all the Surveyor-general Cadastral Code 21 digit site (erf/farm/portion) reference numbers:

T	0	J	P	0	0	0	0	0	0	0	0	0	1	3	6	0	0	0	R	E
1	2	3			4				5											

LEGEND:

- 1. Refers to the Surveyor's-General Office (T = Pretoria, F = Free State, C = Cape Town & N = Kwazulu-Natal)
- 2. Major Code (Registration Division)
- 3. Minor code
- 4. Property No (i.e. Farm No./Erf No./Holding Area No./Sheme No.)
- 5. Portion Number

If the property type is not surveyed, complete the following:

Full name of leader of village, community or tribal authority

Local Authority

Magisterial District

Tribal Authority/Council



Ownership of the property (mark only one with an X)

Property owned by applicant (100% Share value)		Property leased by applicant	X
Property owned by applicant (Share value less than 100%)		The property is communal land	

Size of Site and Classification

Size of facility for a waste management activity

Area where the waste management activity takes place

Classification of facility in terms of climatic water balance

Classification of Facility in terms of the type and the quantity of waste received

Not a waste management facility, material deposited on tailings dam walls for rehabilitation purposes.
Within the boundaries of an existing mining site on walls of existing tailing dam for rehabilitation purposes.
Not applicable: material to be used for restoration purposes only, this is not a 'disposal facility' per se.
No waste from external sources is to be disposed of on site, only site generated sewage sludge to be deposited as a fertiliser

Current land-use where the site is situated:

Industrial	
Agriculture	
Residential	
Forestry	
Wetlands	
Open spaces	

Recreation	
Commercial	
Mining & quarrying	X
Wilderness areas	
Nature area	

Other current land-use.....

Is a change of land-use or a consent use application required?

Must a building plan be submitted to the local authority for approval?

MARK YES/NO	SECTION IN THE REPORTS WHERE RELAVANT AUTHORISATION IS ATTACHED
NO	Not applicable
NO	Not applicable

Geographical coordinates of all external corner points of the site:

Coordinates of the approximate area where the site could be located are included below.

Number of corner

-1.....
-2.....
-3.....
-4.....
-5.....
-6.....
-7.....
-8.....
-
-
-

	Latitude			Longitude		
S25°	5'	41"	E26°	58'	31"	
S25°	5'	48"	E26°	58'	52"	
S25°	5'	50"	E26°	59'	4"	
S25°	6'	24"	E26°	59'	2"	
S25°	6'	21"	E26°	58'	52"	
S25°	6'	22"	E26°	58'	34"	
S25°	6'	9"	E26°	58'	24"	
S25°	5'	58"	E26°	58'	21"	
o	1	"	o	1	"	
o	1	"	o	1	"	
o	1	"	o	1	"	

Site Address:

Building Name or Number

Street

City/Closest Town

Province

Pilanesberg Platinum Mine
P50-1
Rustenburg
North West



Local Municipality

District Municipality
Property Description (Deeds
Act or name of farm, town,
city or agricultural holding

Postal address

Postal code:

Telephone:

E-mail:

Moses Kotane Local Municipality		
Bojanala Platinum District Municipality		
Remaining extent of Witkleifontein 136 JP		
Private Bag X11		
Highveld		
0067	Cell:	+2782 809 0860
+2712 661 4280	Fax:	+2712 661 4139
DRiley@boyntonplatinum.com		

Local authority in whose
jurisdiction the proposed
activity will fall:

Contact person:

Postal address:

Postal code:

Telephone:

E-mail:

Moses Kotane Local Municipality		
Mr Tikologo Makhoana		
Private Bag X1011, Mogwase		
0314	Cell:	+2779 507 3883
+2714 5551312	Fax:	+2786 508 1866
Tikologo@moseskotane.gv.za		

In instances where there is more than one local authority involved, please attach a list of local authorities with the contact person and contact details to this application.

SECTION 3: CONTACT INFORMATION

A) Person to contact about application (EAP)

First name & Surname

Company name (if any):
Company Registration/Identity number for
individuals

Physical address:

Postal address:

Postal code:

Telephone:

Email Address

Hylton Allison		
Metago Environmental Engineers (Pty) Ltd		
1998/05179/07		
Block C, Fourways Manor Office Park		
Corner Roos and Macbeth Street, Fourways		
PO Box 1596		
Cramerview		
2060	Cell:	+2782 789 2666
+2711 467-0945	Fax:	+2711 467-0978
hallison@slrconsulting.com		

B) Person wishing to hold licence

First name & Surname of Applicant

Company name (if any):

Company Registration/Identity number for
individuals

Physical address

Dean Riley
Pilanesberg Platinum Mines (Pty) Ltd
2000/002572/07
6 Eco-Fusion Office Park, Block B, 324 Witch-Hazel Avenue



Postal address

Highveld Park X59		
Private Bag X11		
Highveld Park		
0067	Cell:	+2782 802 2981
+2712 661 4280	Fax:	+2712 661 4139
DRiley@boyntonplatinum.com		

Postal code:

Telephone:

E-mail:

C) Landowner where activity takes place

First name & Surname

Company name (if any):

Company Registration/identity number for individual(s)
Physical address

Postal address

Telephone:

E-mail:

C/o Jacqueline Nkosi		
Republic of South Africa C/O Department of Land Affairs		
76 Van Velden Street		
Brits		
PO Box 3955		
Brits		
0250	Cell:	+2782 302 4419
+2712-252 3505	Fax:	+2712 252 4100
JKNkosi@ruraldevelopment.gov.za		

Operational times

PERIOD	FROM	UNTIL
Weekdays	07:00	16:00
Saturdays	07:00	16:00
Sunday		
Public holidays		

SECTION 4: PROCESS/ACTIVITY DESCRIPTION:

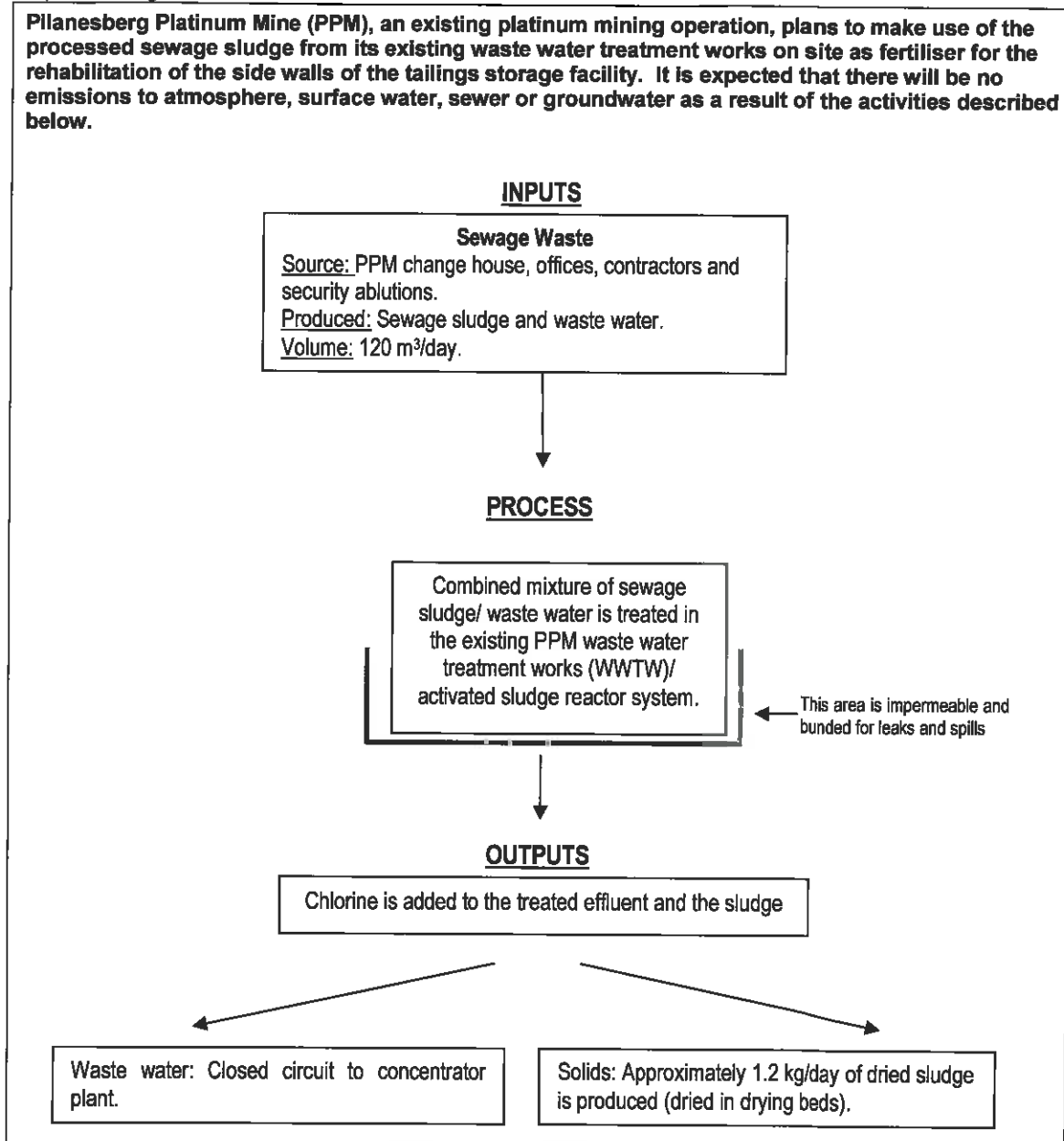
Project Title

PROPOSED EXPANSION OF THE TUSCHENKOMST PIT AT PILANESBERG PLATINUM MINE - USE OF PROCESSED SEWAGE SLUDGE AS FERTILISER FOR REHABILITATION OF TAILINGS DAM WALLS

Project Description:

Please provide a brief description of the activities and operations at the site. Provide a flow chart of the operation showing all inputs and outputs of the process. Give particulars of the source, location, nature, composition and quantity of emission to the atmosphere, surface water, sewer, and ground-water including noise emissions. Solid waste must be in tons and specify units for liquids and gases.

Pilanesberg Platinum Mine (PPM), an existing platinum mining operation, plans to make use of the processed sewage sludge from its existing waste water treatment works on site as fertiliser for the rehabilitation of the side walls of the tailings storage facility. It is expected that there will be no emissions to atmosphere, surface water, sewer or groundwater as a result of the activities described below.



SECTION 5: WASTE QUANTITIES

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)
Treated Sewage sludge		0.0012 tonnes/day

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

Determined from volumes

Determined with weighbridge/scale

Estimated

X

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	
Sewage sludge	PPM	0.036		Dryings beds	Not applicable	Not applicable

SECTION 6: GENERAL

Prevailing wind direction (e.g. NWW)

November – April

May - October

NNE
SSE

The size of population to be served by the facility

Not applicable

	Mark with "X"	Comment
0-499		
500-9,999	X	The current WWTW facility accommodates sewage from 850 people
10,000-199,999		
200,000 upwards		

The geological formations underlying the site:

Granite

Shale

Sandstone

Quartzite

Dolomite

Dolerite

Other: Gabbro and Pilanesberg complex igneous sequences _____



SECTION 7: COMPETENCE TO OPERATE SITE

It is imperative that the holder of the waste 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:

Legal compliance

Has the applicant ever been found guilty or issued with a non compliance notice in terms of any national environmental management legislation?

Has the applicant's licence in terms of the Waste Act 2008 ever been revoked?

Has the applicant ever been issued with a non compliance notice or letter in terms of any South African Law?

YES/NO	DETAILS
Yes	PPM have already applied under Section 24G of the National Environmental Management Act, 107 of 1998 (NEMA) for facilities at the mine that were constructed without environmental authorisation (i.e. storm water dams, telecommunications mast, additional fuel storage areas and explosives magazine).
-	Not applicable

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

Technical competence

What technical skills are required to operate the site?

How will the applicant ensure and maintain technical competency in the operation of the site?

PPM has appointed Enviroserve Tailings to manage the tailings facility operations. PPM will amend the current service level agreement with Enviroserve Tailings for them to maintain and operate the sewage sludge deposition onto the current tailings storage facility (TSF). The battery limits for Enviroserve Tailings will end at the perimeter fence of the TSF.
PPM will include the management of this activity in the amended Environmental Management Programme and as part of this commitment, will commit Enviroserve Tailings to specific performance and service level agreements with regards the management of this facility.

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
Enviroserve Tailings Mr Max Beyer	On-site coordinator	<ul style="list-style-type: none"> - Oversee and manage personnel at the TSF - Ensuring deposition is conducted according to required standards - Ensuring that maintenance and monitoring is pro-active - Monthly reports for waste management 	<ul style="list-style-type: none"> - 30 yrs experience in TSF management at various mine sites

Enviroserve Tailings	Site assistants (x8)	<ul style="list-style-type: none"> - On site sludge deposition - Ensuring the sewage sludge is deposited correctly at the TSF walls. 	<ul style="list-style-type: none"> - Safe handling of hazardous substances certificate - Health, safety and fire fighting training - First aid training - Drivers license
-----------------------------	-----------------------------	--	---

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	Unknown at this stage, will be included in EIA report
Provision and replacement of infrastructure	Not attached	Unknown at this stage, will be included in EIA report
Restoration and aftercare	Not attached	Unknown at this stage, will be included in EIA report



SECTION 8: LANDFILL PARAMETERS

Not applicable

The method of disposal of waste:

Land-building Land-filling Both

The dimensions of the disposal site in metres

	At commencement	After rehabilitation
Height/Depth		
Length		
Breadth		

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		

The total volume already used for waste disposal:

- (a) Will the waste body be covered daily
- (b) Is sufficient cover material available
- (c) Will waste be compacted daily

YES	NO
YES	NO
YES	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 Salvage method

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

- At source
- Recycling installation
- Formal salvaging
- Contractor
- No salvaging planned

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

YES	NO
-----	----

- 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

YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
_____metres	
_____metres	

Wettest six months of the year

November- April

May -October

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

	Total rainfall for 6 months	Total A-pan evaporation for 6 months	Climatic water balance
For the 1 st wettest year			
For the 2 nd wettest year			
For the 3 rd wettest year			
For the 4 th wettest year			
For the 5 th wettest year			
For the 6 th wettest year			
For the 7 th wettest year			
For the 8 th wettest year			
For the 9 th wettest year			
For the 10 th wettest year			

Location and depth of ground water monitoring boreholes:

SECTION 9: DECLARATIONS

The independent Environmental Assessment Practitioner

I, Hylton Allison , declare under oath that | –

- act as the independent environmental assessment practitioner in this application ;
- do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2006;
- have and will not have no vested interest in the proposed activity proceeding;
- have no, and will not engage in, conflicting interests in the undertaking of the activity;
- undertake to disclose, to the competent authority, any material information that have or may have the potential to influence the decision of the competent authority or the objectivity of any report, plan or document required in terms of the Environmental Impact Assessment Regulations, 2006;
- will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- will keep a register of all interested and affected parties that participated in a public participation process; and
- will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not.

Signature of the Environmental Assessment Practitioner:

Metago Environmental Engineers (Pty) Ltd

Name of company:

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (Above)



The Applicant

I, Dean Riley declare under oath that I -

- Am, or represent, the applicant in this application;
- appointed the environmental assessment practitioner as indicated above to act as the independent environmental assessment practitioner for this application;
- 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, 2006, 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 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;
- 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 for which the applicant or environmental assessment practitioner is responsible in terms of these regulations; and
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided in terms of these regulations.


Signature of Applicant

Pilanesberg Platinum Mine (Pty) Ltd

Name of company:

30 SEPTEMBER 2011
Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (Above)





WASTE LICENCE APPLICATION FORM

PART 3: APPLICATION FORM FOR AMENDMENT TO AN EXISTING AUTHORISATION

Not applicable

Details of Current Licence:

Current Licence or Permit reference number

The Proposed Modification:

Give details of changes required in the authorisation:

Condition Number	Condition as written in the current authorisation	Proposed condition	Motivation for change

Will the amendment amount to increase in the environmental impact regulated by the waste management licence?

YES/NO

If yes:

- attach waste impact report
- Attach proof of notification of relevant organs of state
- Attach proof of notification of interested and affected parties

Change of Information

Will there be any changes to information supplied in the original application?

YES/NO

If yes fill in sections that have changed of Part 2: Application for new licence

Signature of Applicant

Name of company:

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (Above)





WASTE LICENCE APPLICATION FORM

PART 4: APPLICATION FORM FOR CLOSURE

Not applicable

Details of Current Licence:

Current Licence or Permit reference number

Section of this form to fill:

Section 2, 3a, 3b, 3c of part 2 of this form.

Documentation Requirements:

Every closure application for facilities shown in the table below must as a minimum be accompanied by documentation as indicated hereafter

Requirements	Recycling &/ recovery Facility	Storage &/ transfer Facility	Treatment facility	Disposal facility
Design of storm-water management				
Design of leachate management				
Design & duration of landfill gas monitoring and management				
Design of settlement/surface pondage				
Design of access roads				
Topographic Map indicating the property				
Topographic Map indicating the landfill property boundary, cells (fill areas), wells, and structures within and surrounding the landfill site				
Plan Drawings (including Final Contour Grade Map) indicating (a) the final contours and vegetation in relationship to the surrounding				

land and any run-off control structures				
Plan Drawings (including Final Contour Grade Map) indicating (b) well location(s), depth to groundwater and flow direction				
Plan Drawings (including Final Contour Grade Map) indicating (c) the locations at which gas monitoring takes place				
drawings showing the proposed final restored profile for the landfill accompanied by calculations of the remaining tonnages of waste (void space) and materials necessary to close, cap and restore the landfill				
Provision of services that were provided by the facility being closed				
Post Closure Site management & Operation				
Monitoring Plan				
Emergency Preparedness plan				
Rehabilitation measures including removal of site structures,				
Rehabilitation measures including waste compaction and capping; application of topsoil & vegetation establishment				
Procedures for the inspection or auditing of the rehabilitation process and mechanisms for reporting to the licensing authority.				
long and short term stability				
procedures and timescales for ensuring final levels are achieved				

Signature of Applicant

Name of company:

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (Above)

APPENDIX: A1

Information needed when applying for scheduled activities listed under Category A, but is not limited thereto:

Basic Assessment Report which must include supplementing documentation such as:

Description of the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity
Description of significant environmental impacts, including cumulative impacts, that may occur as a result of the undertaking of the activity
Conducting public participation as outlined in EIA Regulations
Waste disposal facility designs
Closure plan (report)
Operational plan
All applicable legislation, policies and/or guidelines
End-use plan (only apply to site landfill closure)
Closure/Remedial designs (only apply to the landfill closure)
Latest external audit report (only apply for permit amendment)
Application and report documents (four hard copies for all applications)
A3 size layout plans (four hard copies for all applications)
Landfill conceptual designs (only apply for construction and decommissioning of landfill sites)
Geo-hydrological report (only apply to landfill sites, storage facilities and treatment of waste)
Consideration of alternatives
Description of mitigation measures and risk assessment
Any inputs made by specialists to the extent that may be necessary
Any specific information as may be required by the competent authority

Information needed when applying for scheduled activities listed under Category B, but is not limited thereto:

Scoping and Environmental Impact Assessment Report which should include:

Description of the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity
Description of significant environmental impacts, including cumulative impacts, that may occur as a result of the undertaking of the activity
Conducting public participation as outlined in EIA Regulations
Closure plan (report)
Operational plan
Waste disposal facility designs
End-use plan (only apply to site closure)
Closure/Remedial designs (only apply to site closure)
Latest external audit report (only apply to permit amendment)
Application and report documents (four hard copies for all applications)
A3 size layout plans (four hard copies for all applications)
Landfill conceptual designs
Geo-hydrological report (only apply to landfill sites, storage and treatment of waste)
Consideration of alternatives
Description of mitigation measures and risk assessment
Any inputs made by specialists to the extent that may be necessary
Any specific information as may be required by the competent authority

Plan of study for environmental impact assessment which must among others include:

Description of the tasks to be undertaken as part of the environmental impact assessment process, including specialist report or specialized processes, and a manner in which such tasks will be undertaken
An indication of stages of stages at which the competent authority will be consulted
Description of methods for assessing issues and alternatives, including the no-go alternative
Particulars of participation process that will be conducted during the EIA process
NB: Compilation of EIA report must be based on tasks outlined in the Plan of Study for EIA, and the below listed reports must also be attached.
Draft environmental management plan (only apply to EIA reports. No draft EMP should be included in the scoping report)
Copies of any specialist reports and specialized processes (only apply to EIA reports. No copies of specialist studies and specialized processes should be included in the scoping report)

APPENDIX B1

The following **MUST** be included in the application as supporting documentation and the applicant must indicate specific section(s) where they are appended in the reports.

This information will be included in the EIA and EMP report.

REQUIRED PIECE OF INFORMATION	SECTION IN THE REPORTS WHERE IT CAN BE FOUND	COMMENTS (If any)
1. Extremely clear Google Earth colour picture of the site (dated not more than a month from the date of the application)	Figure 1-1	
2. 1:50 000 topography /topo-cadastral map of the area showing	Figure 1-2	
2.1 the site and 5km radius	Figure 1-2	
2.2 Existing residential and industrial areas	Figure 1-2	
2.3 Possible future development (indicate the type of development)	Figure 1-2	
2.4 Other waste handling sites (existing or closed) in the area		
2.5 Existing and possible future residential areas.	Figure 1-2	
2.7 Sites which are listed as national monuments or archaeological, paleontological and cultural historical sites or objects worthy of conservation;		
3. Security and access aspects of the site	This information will be included in the EIA/EMP amendment report.	
4. The site plan drawn to scale showing the site's boundary showing:	This information will be included in the EIA/EMP amendment report.	
4.1 Activities or development existing on all 4 directions of the site.	Figure 1-2	
4.2 Waste receipt, storage and handling areas		
4.3 Impermeable surfaces	This information will be included in the EIA/EMP amendment report.	
4.4 Sealed drainage systems	This information will be included in the EIA/EMP amendment report.	
4.5 Drainage system for the site including sumps and discharge points	This information will be included in the EIA/EMP amendment report.	
4.6 Road names and access from all major roads in the area	Figure 1-2	
4.7 Land Owner's consent (letter with signature)	This information will be included in the EIA/EMP amendment report.	
5. Waste hierarchy implementation plan	This information will be included in the EIA/EMP amendment report.	
6. Emergency preparedness plan	This information will be included in the EIA/EMP amendment report.	

APPENDIX B2

The following **MUST** be included in the application documentation for landfill sites and the applicant must indicate specific section(s) where they are appended in the reports.

Not applicable as the proposed project does not include a landfill site.

REQUIRED PIECE OF INFORMATION	SECTION IN THE REPORTS WHERE IT CAN BE FOUND	COMMENTS (if any)
Design for site roads		
The 1 in 50 year flood-line of all watercourses		
Laboratory facilities		
Design and location of fuel storage areas		
Design and location waste quarantine areas		
Design and location of waste inspection areas		
Site's drainage system		
Site's emergency control system and plan		
Liner specifications		
Leak detection system and monitoring		
Leachate management plan		
Calculations of leachate generation		
Leachate collection and treatment		
Gas generation and management		
Air quality monitoring and management		
Co-disposal ratio calculation		
Stability monitoring and management		
Daily and intermediate cover requirements		
Temporary and permanent capping requirements		

