

Appendix B: Correspondence with DEDEAT

Acknowledgement of the Application for Environmental Authorisation, dated 10 February 2012

P.002/003



Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS AND TOURISM
CACADU REGION

P/Bag X5001 GREENACRES
South Africa, 6057
Phone: +27 (041) 5085800
Fax: +27 (041) 5086866
E-mail: Chris.julius@deeat.cape.gov.za

(FAX)0415085865

Public Process Consultants
PO Box 27688
Greenacres
6057

Attention: Sandy Wren

Ref: ECM1/LN2/M/12-02
Enq: C.Julius

ACKNOWLEDGEMENT OF RECEIPT: APPLICATION FOR AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT 107 OF 1998 TO UNDERTAKE A LISTED ACTIVITY AS SCHEDULED IN THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2010: PROPOSED STORAGE, TREATMENT OR PROCESSING OF ANIMAL MANURE ON FARM 715, DIVISION UITENHAGE, IN THE NELSON MANDELA BAY MUNICIPAL AREA.

Receipt of the application by Public Process Consultants dated 27 May 2011 and received on 13 July 2011 to undertake a listed activity as scheduled in Government Notice R. 544 of 18 June 2010 is hereby acknowledged.

Please note the following:

- ◆ As a result of the uncertainty at the time with regard to the process to be followed the application was not registered at the time of receipt.
- ◆ The application was finally registered on 4 January 2012 due to the resolution taken in December 2011 after it was clarified that the full Scoping & EIA process will be followed regardless of whether an Atmospheric Emission Licence is required or not.

The reference number assigned to your application is ECM1/LN2/M/12-02. Please quote the reference number provided in the event of any correspondence/queries in this regard.

The applicant's attention must be drawn to the fact that the activity may not commence prior to an environmental authorization being granted by DEDEAT.

ANDRIES STRUWIG
ASSISTANT DIRECTOR: EIM
DATE: 10 February 2012

10:01 Economic Affairs PE

10/02/2012



Acknowledgement of the Waste Licence Application, dated 10 February 2012

P.003/003



Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
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CACADU REGION

P/Bag X5001 GREENACRES
South Africa, 6057
Phone: +27 (041) 5085800
Fax: +27 (041) 5085865
E-mail: Chris.julius@eastcape.gov.za

(FAX)0415085865

Public Process Consultants
PO Box 27888
Greenacres
6057

Ref: CA/A/17,18/001-12
Eng: C.Julius

Attention: Sandy Wren

ACKNOWLEDGEMENT OF RECEIPT: APPLICATION FOR AUTHORISATION IN TERMS OF SECTION 20(b) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, ACT 59 OF 2008 TO UNDERTAKE LISTED ACTIVITIES AS LISTED UNDER SCHEDULE 1 OF GOVERNMENT NOTICE 718 OF 2009: PROPOSED STORAGE, TREATMENT OR PROCESSING OF ANIMAL MANURE ON FARM 715, DIVISION UITENHAGE, IN THE NELSON MANDELA BAY MUNICIPAL AREA.

Receipt of the application by Public Process Consultants dated 03 June 2011 and received on 13 July 2011 to undertake listed activities under Schedule 1 of the List of Waste Management Activities dated 03 July 2009 is hereby acknowledged.

Please note the following:

- ❖ As a result of the uncertainty at the time with regard to the process to be followed the application was not registered at the time of receipt.
- ❖ The application was finally registered on 4 January 2012 due to the resolution taken in December 2011 after it was clarified that the full Scoping & EIA process will be followed regardless of whether an Atmospheric Emission Licence is required or not.

The reference number assigned to your application is CA/A/17,18/001-12. Please quote the reference number provided in the event of any correspondence/queries in this regard.

The applicant's attention must be drawn to the fact that the activity may not commence prior to an environmental authorization being granted by DEDEAT.

ANDRIES STRUWIG
ASSISTANT DIRECTOR: EIM

DATE: 10 February 2012

10:01 Economic Affairs PE

10/02/2012



Correspondence with DEDEAT to follow Full Scoping and EIA versus Basic Assessment

From: Andries Struwig [Andries.Struwig@deaet.ecape.gov.za]
Sent: 13 December 2011 11:24 AM
To: Sandy Wren; Lyndon Mardon; Chris Julius; 'Kobus Slabbert'
Cc: boeram@srvalley.co.za; 'Le Roux Venter'
Subject: RE: Venter Compost site

Good morning Sandy

I am agreement with your proposal as set out below. This implies that the EIA process will in any event follow the Scoping & EIA process regardless of whether it is later decided that an atmospheric emission licence would be required. This being said, it is imperative that the issue of whether an AEL would be required or not is sorted out expediently as the AEL process and EIA process has to run in parallel. I trust that Lyndon will be able to obtain a response from National DEA shortly, failing which, we as the province will have to make the decision.

I trust that you find this in order.

Andries Struwig
Assistant Director: EIM
Cacadu Region
Economic Development, Environmental Affairs & Tourism
Tel: 041 5085840
Fax: 041 5085865

From: Sandy Wren [<mailto:sandy@publicprocess.co.za>]
Sent: 13 December 2011 09:43
To: Lyndon Mardon; Andries Struwig; Chris Julius; Phumla Myekji; 'Kobus Slabbert'
Cc: boeram@srvalley.co.za; 'Le Roux Venter'
Subject: RE: Venter Compost site

Hi Lyndon and Andries

Lyndon, thank you for your email below. I spoke to the applicant yesterday and the following has reference.

GN R 543 20. (3), states the following:

20. (3) If an applicant intends undertaking an activity to which basic assessment must be applied in terms of subregulation (1) and the applicant, on the advice of the EAP managing the application, is for any reason of the view that it is unlikely that the competent authority will be able to reach a decision on the basis of information provided in a basic assessment report, the applicant may apply, in writing, to the competent authority for permission to apply S&EIR instead of basic assessment to the application.

Currently there is uncertainty with regards to the interpretation of the Air Quality legislation and the need for Basic Assessment versus full Scoping and EIA in terms of the regulations in GN R 545 listed activity 26. Regardless of whether GN R 545 listed activity 26. applies or not, an Air Quality Specialist assessment will be undertaken for this project due to the potential for nuisance odours. In addition the following studies will be undertaken, Traffic Impact Assessment, Town Planning (zoning of the

composting site as well as the fertiliser facility), Engineering Services (particularly the management of stormwater runoff and treatment thereof), Geohydrological Assessment (testing of the existing borehole yield and potential vulnerability of any underlying groundwater resources), and a biophysical site assessment (vegetation, fauna and wetlands/watercourses).

As the environmental assessment practitioners for the project we recommend that a precautionary approach is adopted towards this assessment process and that Full Scoping and EIA is applied versus a Basic Assessment, this is in order to assist the competent authority in their decision making process. The reasons for this recommendation are provided below:

- Due to the public participation process associated with Scoping and EIA, full Scoping and EIA would provide I&APs additional opportunities for the identification of a comprehensive range of issues through the Scoping process and a further opportunity to comment on the results of the specialist studies.
- The Basic Assessment Report has a specific format that should be followed for the representation of information, which in this instance could be potentially limiting.
- One of the purposes of the EIA phase of the assessment is to present the results of the specialist studies and provide opportunity for comment. The representation of the results of the specialist studies in the format as required in the EIA phase of an assessment may be more accessible for public information sharing purposes and comment, as separate Chapters in a report.

The applicant supports the approach which is outlined above. We therefore recommend that Scoping and EIA is applied to this application, and in parallel to this the need for an Atmospheric Emissions license is resolved.

Your response will be appreciated.

Sandy Wren
Public Process Consultants
PO Box 27688, Greenacres, 6057
120 Diaz Road, Adcockvale, PE, 6001
Phone: 041 374 8426
Fax: 041 373 2002
Cell: 082 4909 828
www.publicprocess.co.za

Copy of the Application for Environmental Authorisation and a Waste Licence

PO Box 27688 Greenacres 6057
120 Diaz Road Adcockvale, PE 6001
Phone 041 374 8426 Fax 041 373 2002
Email sandy@publicprocess.co.za
Ck 97/32984/23 VAT 44601 68273



3 June 2011

Mr Andries Struwig
Department of Economic Development and Environmental Affairs (DEDEA)
Private Bag X 5001
Greenacres
Port Elizabeth
6057

Dear Sir,

RE: Notice of Scoping and Environmental Assessment Process in terms of the amended NEMA 2010 EIA Regulations, GN R. 543, 544, 545 and 546 published in Government Gazette No. 33306 of 18 June 2010 (as amended) and the National Environmental Management: Waste Act (Act No. 59 of 2008) ("NEM:WA")

In terms of the NEMA 2010 EIA Regulations (as amended) published in GN 543, 544, 545 and 546 in Government Gazette No. 33306 of 18 June 2010, this serves as notification that a Scoping and Environmental Impact Assessment Process is being conducted for the project described herein. In terms of the National Environmental Management: Waste Act (Act No. 59 of 2008) ("NEM:WA") the project further requires a Basic Assessment in terms of Category A listed activities in GN 718 published on 3 July 2009. In line with correspondence received from the Department of Economic Development and Environmental Affairs dated the 14/02/2011, section 4.3.2, full Scoping and EIA will be applied to this application.

PROJECT NAME

Venter Fert Composting and Fertiliser Plant

PROJECT OVERVIEW

Die Boeram Venter Trust (project applicant) is proposing the establishment and operation of a composting and fertiliser processing facility on Farm 715 Division Uitenhage, MR 00470 (Sunlands Road), Nelson Mandela Bay Municipality. The applicant proposes to produce fertiliser primarily from the composting of poultry litter, using an aerobic process. It is estimated that the facility will receive approximately 75 000m³ (30 000 tons) of poultry litter annually from which they will produce approximately 25 000m³ of fertiliser annually. It is anticipated that up to 10 000 tons of poultry litter may be stored on the site at any one time during a production cycle, with 3 production cycles proposed per year. It is proposed that two footprints are set aside, one for the establishment of a composting facility (approximately 10 ha) and one for the fertiliser processing plant (approximately 0.5 ha), with a total development footprint of 10.5 ha (including services and internal roads). Farm 715, approximately 377.0162 ha, is currently zoned for agricultural use and is currently being used for game farming.

PROJECT LOCALITY

The farm is currently zoned for agricultural use and falls outside of the urban edge for the Nelson Mandela Bay Municipality (NMBM). The farm measures approximately 377.0162 ha in extent and is located in the Grassridge area on the border of the Sundays River Valley and Nelson Mandela Bay Municipalities. Access to the site can be gained by turning east off the R75 (Uitenhage / Graaff Reinet Road), approximately 14km from the town of Uitenhage, onto the MR00470 (Sunlands road). The site is located west of the intersection of the MR00470 (Sunlands) and P1958, approximately 6km's north east from the turn off from the R75. See attached locality map as Appendix A.

LEGISLATIVE REQUIREMENTS

The following provides an overview of the relevant legislation pertinent to this EIA, further detailed information is contained in the application forms attached to this correspondence, Appendix C: EIA Application form and Appendix D: Waste Licence Application.

NEMAA 2010 EIA Regulations (as amended)

In terms of the National Environmental Management Act (Act No. 107 of 1998) as amended ("NEMAA") and the NEMA 2010 EIA regulations, GN R 543, 544, 545 and 546 published in Government Gazette 33306 on the 18 June 2010 (as amended), the project requires Scoping and Environmental Impact Assessment (S&EIR), in particular because it includes, amongst others, the following Activity in GN R 545:

26. Commencing of an activity, which requires an atmospheric emission license in terms of section 21 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), except where such commencement requires basic assessment in terms of Notice of No. R544 of 2010.

The decision making authority is the Provincial Department of Economic Development and Environmental Affairs, Cacadu Region.

National Environmental Management Waste Act (No. 59 of 2008)

The project also requires a Basic Assessment for a Waste Licence in terms of the National Environmental Management: Waste Act (Act No. 59 of 2008) in terms of Category A listed activities in GN R 718 published on the 3 July 2009, amongst others:

(17) The storage, treatment or processing of animal manure at a facility with a capacity to process in excess of one ton per day.

The decision making authority is the Provincial Department of Economic Development and Environmental Affairs, Cacadu Region. Full Scoping and EIA will be applied to this listed activity. Correspondence with the National Department of Environmental Affairs, dated the 26 May 2011 and attached as Appendix B, confirms the listed activities applicable to this application and that the poultry litter is not classified as hazardous waste.

NEM: Air Quality Act (39 of 2004)

In terms of the National Environmental Management: Air Quality Act (39 of 2004), GN 248 published in Government Gazette 33064 on the 21 March 2010, lists activities which require an Atmospheric Emissions Licence (AEL). An AEL is required in terms of Category 10: Animal Matter Processing. The licensing authority for the AEL is the Nelson Mandela Bay Municipality.

Die Boeram Venter Trust (project applicant) has appointed Public Process Consultants, as the independent Environmental Assessment Practitioner, to undertake the Scoping and EIA process for the project. See Appendix E.

Please find included with this correspondence, the following:

Appendix A: Locality Map

Appendix B: Correspondence with the National Department of Environmental Affairs

Appendix C: NEMA 2010 EIA Application Form

Appendix D: Waste Licence Application

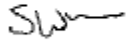
Appendix E: EAP Declaration

A copy of this correspondence will be forwarded to:

- The NMBM, Air Quality Sub Directorate, Mr Templeton Titima
- The NMBM, Health Sub Directorate, Mr Nickie Oliphant
- The NMBM, Planning Sub Directorate, Mr Renier Meintjies

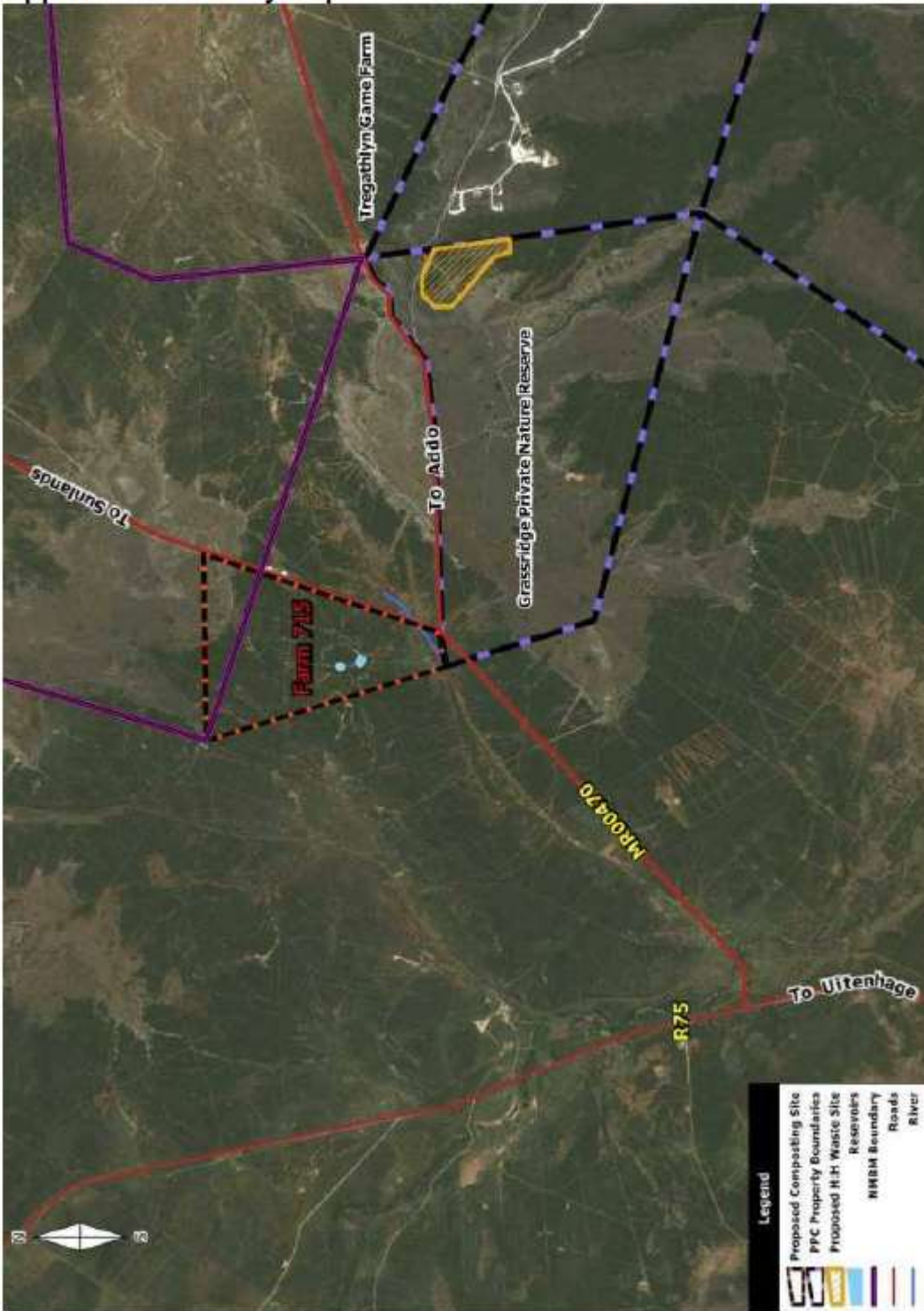
Should you have any queries or require additional information please contact Sandy Wren or Paul Steyn using the contact details provided above.

Yours sincerely

A handwritten signature in black ink, appearing to be the initials 'SW' followed by a horizontal flourish.

Sandy Wren

Appendix A: Locality Map



Appendix B: Correspondence with the National Department of Environmental Affairs

From: Lucas Mahlangu [Lmahlangu@environment.gov.za]
Sent: 26 May 2011 12:35 PM
To: Paul Steyn
Subject: Re: Processing of animal manure

Dear Paul

The matter refers.

Animal manure is not classified as hazardous waste.
Consequently, the processing of animal manure is a provincial competency.

Regards

Lucas

>>> "Paul Steyn" <paul@publicprocess.co.za> 2011/05/24 11:09 AM >>>

Hi Lucas

Re.: Processing of animal manure

Our telephonic discussion of the morning of 24 May 2011 has reference. As discussed we are dealing with an application for the composting of animal manure (poultry litter) in the Port Elizabeth (Eastern Cape) area. The project would trigger activity 17, Category A, in the NEM Waste Act list of waste management activities. Our concern is that, given the broad definition of hazardous waste in the NEM Waste Act, the animal manure may also be considered hazardous waste and trigger hazardous waste management activities.

Based on you input from our abovementioned discussion I would like to confirm the following:

- Animal manure is not considered hazardous waste, and the composing of the animal manure would therefore not trigger any hazardous waste management listed activities.
- An application needs to be made for a license for Activity 17, Category A: "The storage, treatment or processing of animal manure at a facility with a capacity to process in excess of one ton per day."
- An application for the above will be lodged with the provincial Department of Environmental Affairs in the Eastern Cape.

I trust that the above is an accurate reflection of the conclusions reached during our discussion. Could you please confirm in writing if you are in agreement with the above.

Kind regards
Paul Steyn

Dr Paul-Pierre Steyn (PhD)
Environmental Scientist
Public Process Consultants
PO Box 27688, Greenacres, 6057
120 Diaz Road, Adcockvale, PE, 6001
Phone: 041 374 8426
Fax: 041 373 2002
Cell: 084 302 8364
Website: www.publicprocess.co.za

Appendix C: NEMA 2010 EIA Application Form



PROVINCE OF THE EASTERN CAPE
DEPARTMENT OF ECONOMIC DEVELOPMENT AND
ENVIRONMENTAL AFFAIRS

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	
NEAS Reference Number:	
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

Venter Fert Composting and Fertiliser Plant

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

Queries must be addressed to the contact hereunder.

Departmental Details

Alfred Nzo Region	Amathole Region	Cacadu Region
<p>Regional Manager: Environmental Affairs Dept of Economic Development & Environmental Affairs Private Bag X3513 Kokstad, 4700</p> <p>PHYSICAL ADDRESS 100 Main Street Kokstad Opposite Municipal Hall</p> <p><u>Tel:[039]727 4499</u> Fax: [040] 727 3282</p>	<p>Regional Manager: Environmental Affairs Dept of Economic Development & Environmental Affairs Private Bag X9060 East London, 5200</p> <p>PHYSICAL ADDRESS Palm Square Business Park Alderwood House Beacon Bay, East London</p> <p><u>Tel:[043]707 4000</u> Fax:[043] 748 2069/97</p>	<p>Regional Manager: Environmental Affairs Dept of Economic Development & Environmental Affairs Private Bag X 5001 Greenacres, 6057</p> <p>PHYSICAL ADDRESS Collegiate House, Cnr Belmont Terrace & Castle Hill Central, Port Elizabeth</p> <p><u>Tel:[041] 508 5800</u> Fax:[041] 585 1958</p>
<p>Chris Hani Region Regional Manager: Environmental Affairs Dept of Economic Development & Environmental Affairs P O Box 9636 Queenstown, 5320</p> <p>PHYSICAL ADDRESS 104 Cathcart Road, Queenstown</p> <p>Tel: [045]808 4000 Fax:[045]838 3961</p>	<p>Joe Gqaki Region Regional Manager: Environmental Affairs Dept of Economic Development & Environmental Affairs Private Bag X016 Aliwal North, 9750</p> <p>PHYSICAL ADDRESS 10 Smith Street Aliwal North, 9750</p> <p><u>Tel:[051]6332901</u> Fax:[051]633 3117</p>	<p>OR Tambo Region Regional Manager: Environmental Affairs Dept of Economic Development & Environmental Affairs Private Bag X5029 Mthatha, 5100</p> <p>PHYSICAL ADDRESS Old Radio Transkei Building, Cnr Victoria & York Roads, Mthatha</p> <p><u>Tel:[047]531 1191</u> Fax:[047] 531 2887</p>
<p>Head Office- Bhisno (General Enquiries)</p> <p>Director: Environmental Impact Management Department of Economic Development & Environmental Affairs Private Bag X0054 Bhisno 5605</p> <p>PHYSICAL ADDRESS Bhisno Business Village Block C No. 5 Siwane Street Bhisno Tel: [040] 609 4712/4704 Fax:[040] 609 4700</p>		

View the Department's website at <http://www.deaet.ecape.gov.za/> for the latest version of the documents.

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erffarm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

C	0	7	6	0	0	0	0	0	0	0	0	0	7	1	5	0	0	0	0

(if there are more than 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

PROJECT TITLE

Venter Fert Composting and Fertiliser Plant

1. BACKGROUND INFORMATION

Project applicant:	Die Boeram Venter Trust		
Trading name (if any):	Venter Fert		
Contact person:	JN Venter (Boeram)		
Physical address:	Farm 715, Hard Rock, Nelson Mandela Bay Municipality		
Postal address:	PO Box 112, Kirkwood		
Postal code:	6120	Cell:	082 576 1684
Telephone:	042 2300 596	Fax:	042 2300 596
E-mail:	boeram@srvalley.co.za		
Provincial Authority:	Department of Economic Development and Environmental Affairs - Western Region		
Contact person:	Andries Struwig		
Postal address:	Private Bag X 5001, Greenacres		
Postal code:	6057	Cell:	082 555 2458
Telephone:	041 - 585 5800	Fax:	041 366 1193
E-mail:	andries.struwig@deaet.ecape.gov.za		
Landowner:	Die Boeram Venter Trust		
Contact person:	JN Venter (Boeram)		
Postal address:	PO Box 112, Kirkwood		
Postal code:	6120	Cell:	082 576 1684
Telephone:	042 2300 596	Fax:	042 2300 596
E-mail:	boeram@srvalley.co.za		
	In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.		
Local authority in whose jurisdiction the proposed activity will fall:	Nelson Mandela Bay Municipality		
Nearest town or districts:	Uitenhage		
Contact person:	Jill Miller		
Postal address:	PO Box 11, Port Elizabeth		
Postal code:	6000	Cell:	
Telephone:	041 506 5630	Fax:	041 585 7261
E-mail:	jmiller@mandelametro.gov.za		
	In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.		

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Describe each listed activity as per project description ¹ :
544 of 18 June 2010 as amended	8. The construction of a hatchery or agri-industrial infrastructure outside industrial complexes where the development footprint covers an area of 2 000 square metres or more.	The zoning for the fertiliser processing plant will be determined by the projects Town Planners (Urban Dynamics), in consultation with the relevant authorities, during the EIA process. The composting facility and the fertiliser processing facility will exceed 2000m ² .
544 of 18 June 2010 as amended	23. The transformation of undeveloped, vacant or derelict land to (ii) residential, retail, commercial, recreational, industrial or institutional use, outside an urban area and where the total area to be transformed is bigger than 1 hectare but less than 20 hectares; -	The site is currently being used for game farming and falls outside an urban area. The area to be transformed is estimated to be approximately 10.5 ha. The zoning for the project will be determined by the projects Town Planners, in consultation with the relevant authorities, during the EIA process.
545 of 18 June 2010 as amended	5. The construction of facilities or infrastructure for any process or activity which requires a permit or license in terms of national or provincial legislation governing the generation or release of emissions, pollution or	In terms of the National Environmental Management: Air Quality Act, 39 of 2004, section 21, Category 10: Animal Matter Processing, an application for an atmospheric emissions licence will be required from the Nelson Mandela Bay Municipality (see 26. below) for emissions associated with the composting facility. The composting facility will in addition also require a waste management licence in terms of the NEM: Waste Act. The construction of the composting facility, which will result in emissions, will be addressed in the Scoping and EIA process for the project.

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

	<p>effluent and which is not identified in Notice No. 544 of 2010 or included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case that Act will apply.</p>	
<p>545 of 18 June 2010 as amended</p>	<p>26. Commencing of an activity, which requires an atmospheric emission license in terms of section 21 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), except where such commencement requires basic assessment in terms of Notice of No. R544 of 2010.</p>	<p>In terms of the National Environmental Management: Air Quality Act, 39 of 2004, section 21, Category 10: Animal Matter Processing, an application for an atmospheric emissions licence will be required from the Nelson Mandela Bay Municipality. The project will entail the drying, dehydrating and evaporating of animal matter not intended for human consumption of more than 1 ton per day.</p>
<p>546 of 18 June 2010 as amended</p>	<p>4. The construction of a road wider than 4 metres with a reserve less than 13,5 metres. (a) In Eastern Cape...: ii. Outside urban areas, in: (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p>	<p>The site falls within a critical biodiversity area (CBAT2) as identified in the Eastern Cape Biodiversity Conservation Assessment and Plan. The width of the internal roads and the clearing of vegetation required will be determined through the environmental assessment process.</p>
	<p>13. The clearance of an area of 1 hectare or more of vegetation where</p>	<p>The site falls within a critical biodiversity area (CBAT2) as identified in the Eastern Cape Biodiversity Conservation Assessment and Plan, however the composting facility will require a Waste</p>

	<p>75% or more of the vegetative cover constitutes indigenous vegetation, except where such removal of vegetation is required for:</p> <p>(1) the undertaking of a process or activity included in the list of waste management activities published in terms of section 19 of the National Environmental Management Waste Act, 2008 (Act No. 59 of 2008), in which case the activity is regarded to be excluded from this list.</p> <p>(a) Critical biodiversity areas and ecological support areas as identified in systematic biodiversity plans adopted by the competent authority.</p>	<p>Licence and in terms of GN R 546 Activity 13. (1) it is deemed to be excluded from this list for authorisation. However, The clearing of any vegetation for the composting facility will be addressed in the Scoping and EIA process as part of the Waste Licence application in terms of the NEM:WA.</p> <p>The footprint for the fertiliser plant and associated infrastructure is estimated to be approximately 2400m². The clearing of vegetation will be addressed in the Scoping and EIA process.</p>
	<p>14. "The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation, except where such removal of vegetation is required for:</p> <p>(2) the undertaking of a process or activity included in the list of waste management activities published in terms</p>	<p>The site falls outside of the urban edge of the NMBM and within a critical biodiversity area (CBAT2) as identified in the Eastern Cape Biodiversity Conservation Assessment and Plan. However the composting facility will require a Waste Licence and in terms of GN R 546 Activity 12. (2), is deemed to be excluded from this list for authorisation. However, the clearing of any vegetation for the composting facility will be addressed in the Scoping and EIA process to form part of the Waste Licence application.</p> <p>The footprint for the fertiliser plant and associated infrastructure is estimated to be approximately 2400m². The clearing of vegetation will be addressed in the Scoping and EIA process.</p>

	of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the activity is regarded to be excluded from this list; (a) In Eastern Cape...: i. All areas outside urban areas."	
	19. The widening of a road by more than 4 metres, or the lengthening of a road by more than 1kilometre. (a) In the Eastern Cape... (ii) Outside Urban Areas, in: (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;	The site falls outside of the urban edge of the NMBM and within a critical biodiversity area (CBAT2) as identified in the Eastern Cape Biodiversity Conservation Assessment and Plan and existing internal roads may require to be widened. The intention is to use existing internal vehicle tracks as far as possible; however the internal roads required for the project will be determined through the Scoping and EIA process.

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

- | | |
|--|--------|
| 3.1.1 National Environmental Management: Waste Act | Yes/No |
| 3.1.2 National Environmental Management: Air Quality Act | Yes/No |
| 3.1.3 National Environmental Management: Protected Areas Act | Yes/No |
| 3.1.4 National Environmental Management: Biodiversity Act | Yes/No |
| 3.1.5 Mineral Petroleum Development Resources Act | Yes/No |
| 3.1.6 National Water Act | Yes/No |
| 3.1.7 National Heritage Resources Act | Yes/No |
| 3.1.8 Other (please specify) | Yes/No |

3.2 Have such applications been lodged already? Yes/No

The application for the Waste Licence has been lodged together with this application for Environmental Authorisation.

3.3 If so list the applications that have been lodged already

Waste Licence Application, subject to the outcome of the Scoping and EIA process for this project.

4. DECLARATIONS

4.1 The Applicant


I, **JN Venter**, declare that I -

- am, or represent², 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 practitioner³;
- 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

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ 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.

- 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 applicant? Signature on behalf of the applicant:

Die Boerem Venter Trust
 Name of company (if applicable):

27-05-2011
 Date:


 Signature of the Commissioner of Courts:

2011-05-27
 Date:

Commissioner
 Designation:

Official stamp (below)



⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An CAP may not sign on behalf of an applicant.

Appendix D: Waste Licence Application



**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:	21
1.1 Licensing process:	21
1.2 Where to submit applications	21
1.3 Making an Application	23
2. DEFINITIONS:.....	23
3. THE WASTE LICENSING APPLICATION STAGES:	23
3.1 Stage 1: Pre-application	23
3.2 Criteria for determining whether basic assessment or scoping is to be applied to applications	24
PART 2: APPLICATION FORM FOR NEW LICENCE	25
SECTION 1 – TYPE OF APPLICATION AND FACILITY:	27
SECTION 2: SITE IDENTIFICATION, LOCATION AND LANDUSE	30
Size of Site and Classification	31
Current land-use where the site is situated:	31
Geographical coordinates of all external corner points of the site:	31
Site Address:.....	32
SECTION 3: CONTACT INFORMATION	32
Operational times	33
SECTION 4: PROCESS/ACTIVITY DESCRIPTION:.....	34
Project Title	34
Project Description:	34
SECTION 5: WASTE QUANTITIES.....	36
Recovery, Reuse, Recycling, treatment and disposal quantities:	36
SECTION 6: GENERAL.....	37
Prevailing wind direction (e.g. NWW)	37
The size of population to be served by the facility	37
The geological formations underlying the site:	37
SECTION 7: COMPETENCE TO OPERATE SITE.....	37
Legal compliance	37
Technical competence	38
Financial Provisions	39
SECTION 8: LANDFILL PARAMETERS	41
The method of disposal of waste:.....	41
The dimensions of the disposal site in metres.....	41
The total volume available for the disposal of waste on the site.....	41
The total volume already used for waste disposal:.....	41

The Salvage method	42
Fatal Flaws for the site:	42
Wettest six months of the year	42
Location and depth of ground water monitoring boreholes:	43
Location and depth of landfill gas monitoring test pit:	44
SECTION 9: DECLARATIONS	Error! Bookmark not defined.
The independent Environmental Assessment Practitioner	Error! Bookmark not defined.
The Applicant	Error! Bookmark not defined.
PART 3: APPLICATION FORM FOR AMENDMENT TO AN EXISTING AUTHORISATION	Error!
Bookmark not defined.	
Details of Current Licence:	Error! Bookmark not defined.
The Proposed Modification:	Error! Bookmark not defined.
Change of Information	Error! Bookmark not defined.
PART 4: APPLICATION FORM FOR CLOSURE.....	Error! Bookmark not defined.
Details of Current Licence:	Error! Bookmark not defined.
Section of this form to fill:	Error! Bookmark not defined.
Documentation Requirements:	Error! Bookmark not defined.
APPENDIX: A1	46
APPENDIX B1	48
APPENDIX B2	Error! Bookmark not defined.

PART 1: WASTE ACTIVITIES LICENSING APPLICATION PROCESS EXPLAINED:

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 1999) 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	X	All except Section 8
Treatment facility	X	All except Section 8
Disposal facility		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:
GN R718, 3 July 2009	Category A – (17) The storage, treatment or processing of animal manure at a facility with a capacity to process in excess of one ton per day.	The applicant intends to purchase poultry litter with the intention of composting the litter for the production of fertiliser. It is estimated that the facility will receive approximately 75 000m ³ (30 000 tons) of poultry litter annually from which they will produce approximately 25 000m ³ of fertiliser annually. It is anticipated that up to 10 000 tons of poultry litter may be stored on the site at any one time during a production cycle, with 3 production cycles proposed per year.
GN R718, 3 July 2009	Category A – (18) The construction of facilities for activities listed in Category A of this Schedule (not in isolation to associated activity).	It is proposed that two footprints are set aside, one for the establishment of a composting facility (approximately 10 ha) and one for the processing of the fertiliser (approximately 0.5 ha), with a total development footprint of 10.5 ha (including services and internal roads). The composting component of the project requires a waste licence. Activities anticipated on site are the clearing of vegetation, and the grading of the site, as well as the construction of inter alia, internal roads, a suitable stormwater management system, and if required, a suitable liner.

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)

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

YES	NO
YES	NO

If, YES, is a basic assessment report attached?

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

--	--

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)

Note from Public Process Consultants: The project requires Scoping and EIA due to the inclusion of activities which require and Atmospheric Emissions License in terms of the NEM Air Quality Act.

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	NO
-----	----

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

It is anticipated that the Final Scoping Report and Plan of Study for EIA will be submitted by the end of August 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

YES	NO
YES	NO

A consultation with the competent authority is hereby requested:

SECTION 2: SITE IDENTIFICATION, LOCATION AND LANDUSE

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

C	0	7	6	0	0	0	0	0	0	0	0	0	7	1	5	0	0	0	0	0
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./Scheme 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)	X	Property leased by applicant	
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	10 hectares
Area where the waste management activity takes place	Farm 715, Hard Rock, Nelson Mandela Bay Municipality, approximately 377.1 ha in extent
Classification of facility in terms of climatic water balance	This will be determined through the EIA process and will be included in the Final Environmental Impact Assessment.
Classification of Facility in terms of the type and the quantity of waste received	This will be determined through the EIA process and will be included in the Final Environmental Impact Assessment.

Current land-use where the site is situated:

Industrial	<input type="checkbox"/>	Recreation	<input type="checkbox"/>
Agriculture	<input checked="" type="checkbox"/>	Commercial	<input type="checkbox"/>
Residential	<input type="checkbox"/>	Mining & quarrying	<input type="checkbox"/>
Forestry	<input type="checkbox"/>	Wilderness areas	<input type="checkbox"/>
Wetlands	<input type="checkbox"/>	Nature area	<input type="checkbox"/>
Open spaces	<input type="checkbox"/>		<input type="checkbox"/>

Other current land-use.....

	MARK YES/NO	SECTION IN THE REPORTS WHERE RELEVANT AUTHORISATION IS ATTACHED
Is a change of land-use or a consent use application required?	YES	
Must a building plan be submitted to the local authority for approval?	YES	

Geographical coordinates of all external corner points of the site:

Note from Public Process Consultants: The most suitable footprints for the proposed facility will be determined through the EIA process, based on specialist and technical input. The final site co-ordinates will be included in the Final EIA.

Number of corner	Latitude			Longitude		
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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.....	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

.....



Site Address:

Building Name or Number	Farm 715 ("Hard Rock")		
Street	MR00470 (Sunlands road)		
City/Closest Town	Uitenhage		
Province	Eastern Cape		
Local Municipality	Nelson Mandela Bay Municipality		
District Municipality	Cacadu District Municipality		
Property Description (Deeds Act or name of farm, town, city or agricultural holding)	Farm 715, Nelson Mandela Bay Municipality, Division Uitenhage		
Postal address	PO Box 112		
	Kirkwood		
Postal code:	8120	Cell:	082 576 1684
Telephone:	042 2300 596	Fax:	042 2300 596
E-mail:	boeram@svalley.co.za		

Local authority in whose jurisdiction the proposed activity will fall:	Nelson Mandela Bay Municipality		
Contact person:	Renier Meintjies (Land Use Management : Senior Town Planner)		
Postal address:	PO Box 9, Port Elizabeth		
Postal code:	6000	Cell:	
Telephone:	041 994 1119	Fax:	041 994 1109
E-mail:	rmeintjies@mandelametro.gov.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	Sandy Wren
Company name (if any):	Public Process Consultants
Company Registration/Identity number for individuals	CK 97/32984/23
Physical address:	120 Diaz Road, Adcockvale
	Port Elizabeth, 6001
Postal address:	PO Box 27688
	Greenacres

Postal code:	6057	Cell:	082 4909 828
Telephone:	041 374 8426	Fax:	041 373 2002
Email Address	sandy@publicprocess.co.za		

B) Person wishing to hold licence

First name & Surname of Applicant	JN Venter		
Company name (if any):	Die Boeram Venter Trust		
Company Registration/Identity number for individuals	IT 1640/95		
Physical address	Fam 715, Hard Rock, MR00470 (Sunlands road)		
	Nelson Mandela Bay Municipality		
Postal address	PO Box 112		
	Kirkwood		
Postal code:	6012	Cell:	082 576 1684
Telephone:	042 2300 596	Fax:	042 2300 596
E-mail:	boeram@srvalley.co.za		

C) Landowner where activity takes place

First name & Surname	JN Venter		
Company name (if any):	Die Boeram Venter Trust		
Company Registration/Identity number for individual(s)	IT 1640/95		
Physical address	Fam 715, Hard Rock, MR00470 (Sunlands road)		
	Nelson Mandela Bay Municipality		
Postal address	PO Box 112		
	Kirkwood, 6012	Cell:	082 576 1684
Telephone:	042 2300 596	Fax:	042 2300 596
E-mail:	boeram@srvalley.co.za		

Operational times

PERIOD	FROM	UNTIL
Weekdays	07h00	17h00
Saturdays		
Sunday		
Public holidays		

SECTION 4: PROCESS/ACTIVITY DESCRIPTION:

Project Title

Venter Fert Composting and Fertiliser Plant

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.

Note from Public Process Consultants: The information requested for this section of the application will be determined through the Scoping and EIA process. The following provides an overview of the project and details of the project components that are available at this stage of the process.

Die Boeram Venter Trust (the applicant) is proposing the establishment and operation of a composting and fertiliser processing facility on Farm 715 Division Uitenhage. The farm measures approximately 377.0162 ha in extent and it is proposed that two footprints are set aside, one for the establishment of a composting facility (approximately 10 ha) and one for the processing of the fertiliser (approximately 0.5 ha), with a total development footprint of 10.5 ha (including services and internal roads).

The farm is in the Grassridge area on the border of the Sundays River and Nelson Mandela Bay Municipalities. Access to the site can be gained by turning east off the R75 (Uitenhage / Graaff Reinet Road), approximately 14km from the town of Uitenhage, onto the MR00470 (Sunlands road). The site is located west of the intersection of the MR00470 (Sunlands) and P1958, approximately 6km's north east from the turn off from the R75.

Surrounding land uses include the PPC mine at Grassridge and its nature reserve (south east) as well as Agricultural land.

Composting Process and Facility

The applicant proposes to produce fertiliser primarily from the composting of poultry litter, using an aerobic process. The poultry litter will be purchased from various poultry production facilities in and around the Metro where it will be delivered directly from these facilities to the site (Farm 715) via covered side-tipper trucks. The composting footprint will consist of 120 rows or windrows of poultry litter approximately 3m wide, 1.5m high and 100m long. Gaps of approximately 2m wide are required between the rows to allow for the movement of vehicles and machinery for watering, turning and collection of the compost. The total composting footprint is thus anticipated to be approximately 10ha in extent. It is estimated that the facility will receive approximately 30 000 tons of poultry litter (organic waste) annually from which they will produce approximately 10 000 tons of fertiliser annually.

The poultry litter, once delivered, will remain in a windrow for a period of between 2 to 4 months until it is fully composted. Thereafter it is transported via tractor-trailer to the fertiliser processing facility. The composting time is determined by the heat and moisture content of the compost which is anticipated to fluctuate depending on the time of the year. Due to the staged nature of the process it is unlikely that all 120 rows will be in use at exactly the same time. It is however estimated that the site will accommodate 3 cycles annually.

During the composting process the windrow is monitored for moisture content and temperature, as these factors influence the efficiency of the process. A mechanical compost turner will be used to turn the piles as this becomes necessary (to inhibit anaerobic conditions). It is expected that during the first two months, turning of the compost will take place approximately once a week, to allow temperature and moisture conditions to reach optimum composting levels. During the last two months turning is expected to take place once every two weeks. The frequency of the turning is dependent on the temperature and moisture content of the compost, which is determined through regularly testing; every third day during the first two months, and every second week during the last 2 months of the cycle. Additional tests for pathogens and microbes are undertaken every third week during the estimated 2 to 4 month cycle.

Water Requirements

The poultry litter that is removed from the poultry facilities contains an estimated 40% moisture content. Once delivered to the composting facility, the poultry litter is only required to be watered once, during the first week of the cycle. The windrows require watering in order to ensure that optimum moisture conditions are maintained; approximately 6000 litres (6kL) of water will be required per 100 metre row. Thus 3 cycles of 120 rows (360 rows annually), will require 2 160 000 litres (2160 kL annually) of water annually, or 8 300 litres of water per day. It is expected that watering requirements may fluctuate with the season with greater quantities required in summer and smaller quantities required in winter. It is proposed that the existing borehole and dam facilities are used as a source of water for the composting process, the capacity and yield of which needs to be determined through specialist investigation during the EIA process.

Stormwater Management

It is proposed that the composting site is ideally located on a gently sloping surface that is well drained and not subject to erosion. The permeability of the soil will play an important role in minimising leachate infiltration and potential pollution to groundwater. This will require confirmation through specialist assessment. It is proposed that at the base of the footprint of the composting area a "v" drain is created, into which runoff water will eventuate. This water will be routed into a treatment dam or pond where it will be regularly tested and treated if required. The capacity of the treatment dam will need to be determined through specialist input.

Fertiliser Processing Facility

At the completion of the composting cycle the product is transported via tractor-trailer to the fertiliser processing facility, located on the same erf. The fertiliser facility will be a fully enclosed roofed structure with a footprint of approximately 2 400m² and 20 m high. The main purpose of the facility is to bag the fertiliser therefore, it is anticipated that the only waste that will be generated from this facility will be minimal amounts of organic debris (ie. small sticks and stones) that are removed from the fertiliser by means of a

sieving process.

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).

Note from Public Process consultants:

The composting facility will receive approximately 75 000m³ (30 000 tons) of poultry litter annually. The site will process 3 cycles of poultry litter annually, with one cycle being approximately 4 months, depending on the time of year. It is therefore anticipated that up to 10 000 tons of poultry litter may be stored on the site at any one time during a production cycle.

Hazardous waste	Non hazardous waste	Total waste handled (tonnes per day)
	10 000 tons of animal (poultry) litter per day	10 000 tons

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	
Animal (poultry litter) manure	Sovereign Foods	2500	6250	On-site aerobic composting method on Farm 715, NMBM.		

SECTION 6: GENERAL

Prevailing wind direction (e.g. NWW)

November – April	SE
May - October	ENE

The size of population to be served by the facility

Note from Public Process consultants:
The composting site is not a public facility and as such will not serve the community.

	Mark with "X"	Comment
0-499		
500-9,999		
10,000-199,999		
200,000 upwards		

The geological formations underlying the site:

The geological formations underlying the site will be confirmed during the EIA process by a geological specialist.

Granite		Quartzite	
Shale	X	Dolomite	
Sandstone	X	Dolerite	

Other

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

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	
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

Technical competence

What technical skills are required to operate the site?

- Compost Management: knowledge of the composting, microbes from start to finish.
- Understanding of the effect of moisture, temperature, carbon dioxide.
- Knowledge of windrow construction including carbon to nitrogen ratio, pile structure and turning requirements.
- Understand the phases of the compost process.
- Practical competency in windrow construction
- Operational requirements of turning equipment
- Administrative skills for testing of compost and stormwater runoff

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

- Regular testing and independent auditing and verification of the results of the testing undertaken at the site.

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
Not yet appointed	Farm Manager	The Farm Manager will be required to, inter alia: <ul style="list-style-type: none"> • document and date the poultry litter received • monitor watering of the rows in the first week • supervise the regular turning of the rows • monitor regular testing of the rows for moisture content and temperature 	<ul style="list-style-type: none"> • Previous experience in farm management • Administrative skills • Record keeping • Personnel Management • Quality Control • Equipment Management

		<ul style="list-style-type: none"> ensure regular testing of the rows for pathogens and microbes are undertaken every third week during each 2 to 4 month cycle ensure regular testing and monitoring of the stormwater management system and implement remedial action if required maintain a complaints record of all reports of offensive odours maintain accurate records of all tests undertaken monitor and ensure the maintenance of composting equipment, tractor trailer and front end loader as well as the internal road system monitor the removal of the fertiliser at the end of the cycle to the fertiliser processing plant and ensure the immediate clean up of any spills 	
Not yet appointed	Tractor Driver	Removal of the fertiliser to the composting facility	Certified driver
Not yet appointed	Front End loader Operator	Regular turning of the rows of manure	Certified driver

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	To be included in the Environmental Management Programme of the Final Environmental Impact Assessment

Provision and replacement of infrastructure	Not Attached	To be included in the Environmental Management Programme of the Final Environmental Impact Assessment
Restoration and aftercare	Not Attached	Should the facility be decommissioned this must be done in line with any relevant legislation and areas with potential contamination should be restored.

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	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
(b) Is sufficient cover material available	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
(c) Will waste be compacted daily	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>

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	YES	NO
Within an unstable area(fault zone, seismic zone, dolomitic area, sinkholes)	YES	NO
Within the drainage area or within 5 km of water source	YES	NO
Within an area with shallow and/or visible water table	YES	NO
Within an area adjacent to or above an aquifer	YES	NO
Within an area with shallow bedrock and limited available cover material	YES	NO
Within 100 m of the source of surface water	YES	NO
Within 1km from the wetland	YES	NO
Indicate the distance to the boundary of the nearest residential area	_____metres	
Indicate the distance to the boundary of the industrial area	_____metres	

Wettest six months of the year

November- April
May -October

Location and depth of landfill gas monitoring test pit:

Codes of boreholes	Borehole locality	Latitude			Longitude		
.....	°	'	"	°	'	"
.....	°	'	"	°	'	"
.....	°	'	"	°	'	"
.....	°	'	"	°	'	"
.....	°	'	"	°	'	"
.....	°	'	"	°	'	"
.....	°	'	"	°	'	"

.....

.....

SECTION 9: DECLARATIONS

The Independent Environmental Assessment Practitioner

I, **SANDRA WREN** declare under oath that I -

- 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 I 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 or 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.

Sandra Wren
Signature of the Environmental Assessment Practitioner

PUBLIC PARTICIPATION CONSULTANTS
Name of company:

3-06-2011
Date:

73210 - 1st Review
1-20-11
Signature of the Commissioner of Oaths:

2011-06-03
Date:

L. ...
Signature:




Official name (None)

The Applicant

I, JN Venter 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 appeal being decided in terms of these regulations.



Signature of Applicant

Die Boersam Venter Trust
Name of company: _____

27-05-2011
Date: _____


Signature of the Commissioner of _____



2011-05-27
Date: _____

Commissioner
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

This information will be included in the final EIA.

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.

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)		
2. 1:50 000 topography /topo-cadastral map of the area showing		
2.1 the site and 5km radius		
2.2 Existing residential and industrial areas		
2.3 Possible future development (indicate the type of development)		
2.4 Other waste handling sites (existing or closed) in the area		
2.5 Existing and possible future residential areas.		
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		
4. The site plan drawn to scale showing the site's boundary showing:		
4.1 Activities or development existing on all 4 directions of the site.		
4.2 Waste receipt, storage and handling areas		
4.3 Impermeable surfaces		
4.4 Sealed drainage systems		
4.5 Drainage system for the site including sumps and discharge points		
4.6 Road names and access from all major roads in the area		
4.7 Land Owner's consent (letter with signature)		
5. Waste hierarchy implementation plan		
6. Emergency preparedness plan		

Appendix E: EAP Declaration



**PROVINCE OF THE EASTERN CAPE
DEPARTMENT OF ECONOMIC DEVELOPMENT AND
ENVIRONMENTAL AFFAIRS**

DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEATEIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

Venter Fert Composting and Fertiliser Plant

Environmental Assessment Practitioner (EAP): ⁴	Public Process Consultants		
Contact person:	Sandy Wren		
Postal address:	PO Box 27688, Greenacres		
Postal code:	6057	Cell:	082 4909 828
Telephone:	041 374 8426	Fax:	041 373 2002
E-mail:	sandy@publicprocess.co.za		
Professional affiliation(s) (if any)	n/a		
Project Consultant:	JN Venter (applicant)		
Contact person:	Boeram Venter		
Postal address:	PO Box 112, Kirkwood		
Postal code:	6120	Cell:	082 576 1684
Telephone:	042 2300 596	Fax:	042 2300 596
E-mail:	boeram@svalley.co.za		

4.2 The Environmental Assessment Practitioner

I, **Sandra Wren**, declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I 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;
- I 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;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I 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
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; 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.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010.



Signature of the environmental assessment practitioner:

Public Process Consultants

Name of company:

3-06-2011


Date:



Signature of the Commissioner of Oaths:

2011-05-03

Date:



Designation:

Official stamp (below)

