

REPORT ON

**DISPOSAL SITE CENSUS REPORT OF
UNAUTHORISED DISPOSAL SITES
IN SOUTH AFRICA**

FINAL

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EXECUTIVE SUMMARY

Disposal operations are controlled and managed through licences, permits, permit exemptions and directions in terms of various acts, particularly the Environment Conservation Amendment Act, 2003 (Act 50 of 2003)(ECAA) and the National Water Act, 1998 (Act 36 of 1998). These acts are enforced by two different Departments *viz* the Department of Environmental Affairs and Tourism (DEAT) and the Department of Water Affairs and Forestry (DWAF) respectively. To provide for co-operative governance the National Environmental Management Act, 1998 (Act 107 of 1998)(NEMA), was promulgated in 1998 as the overarching environmental legislation in South Africa. NEMA aims to provide for co-operative governance by establishing principles for decision-making on matters affecting the environment, institutions that will promote co-operative governance and procedures for co-ordinating environmental functions exercised by organs of state, and to provide for matters connected therewith.

Since the promulgation of the Environment Conservation Act, 1989 (Act 73 of 1989)(ECA), 631 authorisations have been issued by DWAF to owners of waste disposal sites (until December 2005 – just prior to the transfer of the permitting function from DWAF to DEAT with the promulgation of the Environment Conservation Amendment Act 50 of 2003 (ECAA)).

The Department of Environmental Affairs and Tourism (DEAT) has embarked on a process to identify the number of unauthorised disposal sites in South Africa and to gather information on these disposal sites to such a level that is sufficient to make a decision on whether they should proceed to authorisation for either closure or continued operation, in terms of section 20 of the ECAA or the National Environmental Management: Waste Management Act, 2007 (once promulgated). Informed decisions can then be made on authorisation for continued operation or closure as appropriate.

The Department is therefore compiling an updated census report of all unauthorised disposal sites in South Africa to develop an authorisation strategy towards ensuring the authorisation of these disposal sites. The project was initiated in August 2007 after the appointment of Kwezi V3 Engineers on 22 June 2007.

A questionnaire was designed and sent to all the 232 local and 6 metropolitan municipalities in South Africa, under a DEAT covering letter, requesting the information as required in the Terms of Reference for the project. Those Municipalities who did not respond in time to submit the questionnaires were called and follow up facsimile reminders were sent to them. Telephone interviews were also held with those Municipalities who did not respond to obtain the required information.

The census also had to include information about the unauthorised industrial waste disposal sites in South Africa. The Department of Trade and Industry (DTI) were contacted to obtain a contact list of industries in South Africa operating disposal sites on their premises. No information could be obtained from them. The environmental managers at major industries

of whom the contact details were obtained from the questionnaires and from DWAF (Sub-directorate Industries within the Directorate Resource Protection and Waste), were contacted and the information required was obtained through electronic mail and facsimiles and included in the census. Information was also obtained from a number of Integrated Waste Management Plans where these were available.

As a result of the abovementioned actions, a 100% feedback for the required information was obtained.

The Disposal Site Census Report provides the number of unauthorised disposal sites for the three categories of operating, operating but in the process of closure and non-operating. Distinction has been made in the category “non-operating” between sites closed before 24 August 1990 and sites closed on or after 24 August 1990. The Census Report also distinguishes between the ten Minimum Requirements classes of sites for landfills and the various types of disposal facilities e.g. landfills, treatment plants, transfer stations and re-use/recovery/recycling plants. The information was verified with the information in the Integrated Waste Management Plan studies done by KV3 for some of the Local Municipalities and no contradictory information was evident.

The key conclusions identified in the Disposal Site Census Report are as follows:

There are in total 581 unauthorised disposal sites¹ in South Africa that need to be authorised. Of these unauthorised disposal sites, 232 sites need to be authorised for closure (disposal sites which present environmental fatal flaws and have a life span of less than 3 years) and 349 sites authorised for continued operational use (existing disposal sites with a life span of more than 3 years which do not present any environmental fatal flaws or which can be upgraded by implementing special mitigatory measures to conform to the objectives of the Minimum Requirements for Waste Disposal by Landfill document). In total, 461 landfills, 106 transfer stations, 9 re-use/recycling facilities and 5 treatment facilities need to be authorised.

The number of unauthorised disposal sites in South Africa are presented below for the categories operating, proposed/under construction, operating but in the process of closure and non-operating (in the latter case the distinction was made between sites closed before August 1990 and sites closed after 24 August 1990), the various classes of disposal sites in accordance with the Minimum Requirements classification system and the type of facility e.g. landfills, transfer stations, re-use/recovery/recycling plants.

¹ In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites. In the above cases, however, the authorisation of the two sites on the same property can be dealt with under 1 (one) authorisation application. A total of 10 (ten) such cases were identified which means that the 581 identified disposal sites could be authorised with 571 successful authorisation applications to DEAT.

	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total
South Africa	Landfill	351	8	0	7	95	461
	Transfer Station	101	2	0	0	3	106
	Recycling / Re-use /Recovery Plant	9	0	0	0	0	9
	Treatment Facility	4	0	0	0	1	5
	Total	465	10	0	7	99	581

To be Authorised for Closure	To be Authorised for Continued Use	Total
217	244	461
12	94	106
1	8	9
2	3	5
232	349	581

	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
South Africa	Landfill	291	26	68	18	24	5	13	1	4	11	461
	Transfer Station	98	0	5	0	3	0	0	0	0	0	106
	Recycling / Re-use /Recovery Plant	4	0	1	0	1	0	0	0	2	1	9
	Treatment Facility	2	0	1	1	0	0	0	0	0	1	5
	Total	395	26	75	19	28	5	13	1	6	13	581

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

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This project is funded by the Department of Environmental Affairs and Tourism (DEAT) and entitled:

**“ADDRESSING THE CURRENT WASTE DISPOSAL SITE PERMITTING
BACKLOG IN SOUTH AFRICA”**

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LIST OF ACRONYMS

DBSA	Development Bank of South Africa
DEAT	Department of Environmental Affairs and Tourism
DWAF	Department of Water Affairs and Forestry
ECAA	Environmental Conservation Amendment Act (Act No. 50 of 2003)
ECA	Environmental Conservation Act (Act No. 73 of 1989)
EIA	Environmental Impact Assessment
EIAR	Environmental Impact Assessment Regulation
EIS	Environmental Impact Study
EMP	Environmental Management Plan
ERP	Extended Producer Responsibility
G-Site	General Waste Site
G:C Site	General Waste Site accepting waste volumes less than 25 tonnes/day
G:S Site	General Waste Site accepting waste volumes between 25 tonnes/day and 150 tonnes/day
G:M Site	General Waste Site accepting waste volumes between 150 tonnes/day and 500 tonnes/day
G:L Site	General Waste Site accepting waste volumes of more than 500 tonnes/day
G:B- site	General Waste Site in water deficit area that generate only sporadic leachate
G:B+ Site	General Waste Site in water surplus area that generate significant leachate
H-Site	Hazardous Waste Site
H:H Site	Hazardous Waste Site accepting Hazardous Waste with Hazing Rating I to IV.
H:h Site	Hazardous Waste Site accepting Hazardous Waste with Hazing Rating III and IV only
IDP	Integrated Development Plans
IEM	Integrated Environmental Management
IWMP	Integrated Waste Management Plan
KV3	Kwezi V3 Engineers
MIG	Municipal Infrastructure Grant

MoU	Memoranda of Understanding
MR	Minimum Requirements
NEMA	National Environmental Management Act (Act No. 107 of 1998)
NWA	National Water Act, 1998 (Act No. 36 of 1998)
NWMS	National Waste Management Strategy
PIG	Provincial Infrastructure Grant
PMT	Project Management Team
PSC	Project Steering Committee
WIS	Waste Information System
WMH	Waste Management Hierarchy

GLOSSARY OF TERMS

Authorisation	Permission granted by the delegated authority (Department of Environmental Affairs and Tourism), to develop, operate or close a waste disposal site.
Backlog	Waste disposal sites that are not currently authorised to develop, operate or close. Backlog is referred to in this report as “Unauthorised waste disposal sites”.
Compliance	Adherence to the conditions and requirements set out in the authorisation to develop, operate or close a waste disposal site.
Disposal Site	A site used for the accumulation of waste with the purpose of disposing or treatment of such waste. A disposal site is therefore any facility used for the processing or disposal of solid waste and includes transfer stations, recycling facilities, composting facilities, storage facilities at waste incinerators, and landfills.
Enforcement	Ensuring compliance to the conditions and requirements set out in the authorisation.
Environment	Where we live. The natural environment and the physical, chemical, aesthetic and cultural properties of it that influence human health and well-being. (<i>NEMA definition</i>).
Environmental fatal flaws	Factors or situations which prevent the development or continued operation of an environmentally acceptable waste disposal site, except at prohibitive cost.
General Waste	Waste that does not pose an immediate threat to man or the environment, i.e. household waste, builders’ rubble, garden waste, dry industrial and commercial waste. It may however, with decomposition, infiltration and percolation, produce leachate with an unacceptable pollution potential.
Hazardous Waste	Waste, other than radioactive waste, which is legally defined as hazardous in the state in which it is generated, transported or disposed off. The definition is based on the chemical reactivity or toxic, explosive, corrosive or other characteristics which cause, or are likely to cause, danger to health or to the environment, whether alone or when in contact with another waste.
Minimum Requirements Trilogy of Documents	A Waste Management Series of documents, published by the Department of Water Affairs and Forestry. The series comprises Minimum Requirements for the Handling, Classification and Disposal of Hazardous Waste, Minimum Requirements for Waste Disposal by Landfill and Minimum Requirements for Monitoring at Waste Management Facilities. These documents set out the waste classification system, address the siting, investigation, design, operation,

	monitoring, closure and rehabilitation of disposal sites.
Permit	An authorisation with strict conditions issued by the delegated authority (Department of Environmental Affairs and Tourism) to develop, operate or close a waste disposal site.
Recycling	Is the sorting, processing, and transportation of solid waste material, products or containers for the purpose of remanufacture or reuse.
Re-use -, Recovery -, Recycling plants	Re-use -, Recovery -, Recycling plants are facilities where waste is being handled for re-use, recovery and recycling purposes.
Sorting	Is the authorized separation of solid waste materials for the purpose of recycling or disposal, either at the source of generation or at a disposal facility.
Transfer Station	Transfer stations are centralized facilities where waste is unloaded in skips or containers from several small collection vehicles and loaded into a larger vehicle for hauling to a regional disposal site.
Treatment Facility	A Treatment facility is a facility where waste is being stored for treatment purposes before being processed or disposed off at a disposal site.
Waste	An undesirable or superfluous by-product, emission or residue of any process or activity, which has been discarded, accumulated or stored for the purpose of discarding or processing. It may be gaseous, liquid or solid or any combination thereof and may originate from a residential, commercial or industrial area.
Waste Generator	Any person or industry that produces waste.

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1 INTRODUCTION AND BACKGROUND

1.1 Introduction

The Department of Environmental Affairs and Tourism (DEAT) has embarked on a process to identify with certainty the number of unauthorised disposal sites in South Africa and to gather information on these disposal sites to such a level that is sufficient to make a decision on whether they should proceed to authorisation for either closure or continued operation, in terms of section 20 of the ECAA or the National Environmental Management: Waste Management Act, 2007 (once promulgated).

The Department is therefore compiling an updated census report of all unauthorised disposal sites in South Africa to form the basis of developing an authorisation strategy towards ensuring the authorisation of these disposal sites.

DEAT has appointed Kwezi V3 Engineers (Pty) Ltd (KV3) to assist with the above-mentioned project.

The Terms of Reference have required that the following be undertaken as part of the Scope of Work for this project:

1. An accurate census of all unauthorised disposal sites for the categories operating, operating but in the process of closure and non-operating. Distinction will be made in the category “non-operating” between sites closed before 24 August 1990 and sites closed on or after 24 August 1990. The census will also distinguish between the ten Minimum Requirements classes of sites for landfills, treatment plants, storage areas, transfer stations and post and pre-storage at thermal treatment plants, transfer stations, medical waste treatment plants and re-use/recovery/recycling plants.
2. The prioritisation of these sites based on the information captured during the census as it relates to the state of the unauthorised disposal sites and their potential impact on the environment in order to prioritise the authorisation of the unauthorised sites, mitigation at these sites and site closures.
3. Developing a course of action (strategic approach) to authorise unauthorised operating sites including sites in the process of closure and the closure of non-compliant sites for approval by DEAT prior to its implementation. The strategic approach will ensure a sustainable and successful outcome.

1.2 Background

Waste generation in South Africa is supposed to be reported annually to the DEAT but this is currently not done, although it is required and can be enforced through the permit conditions for those disposal sites which are in possession of a permit. Some isolated attempts to quantify waste generation in South Africa have been carried out by DEAT and DWAF.

DEAT commissioned a survey in 1992 to identify the total volume of waste generated in South Africa, from which it was estimated that 460 million tonnes of waste are generated in the country per year. A follow up study commissioned by DWAF as part of the baseline study for the NWMS estimated the total production of waste in 1998 to be 536 million tonnes per year. This figure included the volumes of waste disposed off at unauthorised disposal sites. A breakdown of waste generation rates during the survey periods are summarised in **Table 1**.

Table 1: Summary of waste generation rates in South Africa: (million tons/annum)

Type of Waste	1992	1998
Mining	378.0	468.2
Industrial	23.0	16.3
Power Generation	20.0	20.6
Agriculture and Forestry	20.0	20.0
Domestic and Commercial	15.0	10.2*
Sewage sludge	12.0	0.3
TOTAL	468.0	535.6

The bulk of the approximately 536 million tons per annum of waste generated in South Africa in 1998 was still being disposed in landfill sites.

Solid waste from the mining industry is mainly disposed off on tailings dams and mine dumps. General waste is disposed off at general waste disposal sites and hazardous waste is disposed off in hazardous waste disposal sites, which are generally operated as co-disposal sites. Industrial non-hazardous waste is disposed off together with domestic waste on general waste landfills.

Disposal operations are currently controlled and managed through licences, permits, permit exemptions and directions in terms of various acts, especially the National Water Act, 1998 (Act 36 of 1998) and the Environment Conservation Amendment Act, 2003 (Act 50 of 2003)(ECAA). These acts are enforced by two different Departments *viz* the Department of Environmental Affairs and Tourism (DEAT) and the Department of Water Affairs and Forestry (DWAF) respectively. To provide for co-operative governance the National Environmental Management Act, 1998 (Act 107 of 1998)(NEMA) was promulgated in 1998 as the overarching environmental legislation in South Africa. NEMA aims to provide for co-operative governance by establishing principles for decision-making on matters affecting the environment, institutions that will promote co-operative governance and procedures for co-

ordinating environmental functions exercised by organs of state; and to provide for matters connected therewith.

At the time of enactment of the Environment Conservation Act, 1989 (Act 73 of 1989)(ECA), the DWAF was responsible for issuing authorisations to owners of waste disposal sites. This function was however transferred to the DEAT on 3 January 2006 with the commencement of Section 1 of the ECAA. The ECA has been amended as follows:

“s.20 (1) No person may establish, provide or operate a disposal site without a permit issued by the Minister [of Environmental Affairs and Tourism]”.

“ To amend the Environment Conservation Act, 1989, so as to enable the Minister of Environmental Affairs and Tourism to make regulations regarding financial matters relating to identified waste types and regarding product control for waste disposal sites from the Minister of Water Affairs and Forestry to the Minister of Environmental Affairs and Tourism; and to provide for matters connected therewith”

However the role of DWAF in the permitting process is also provided for as follows:

“s.20 (6) The issuing of a waste disposal site permit is subjected to – (a) the concurrence of the Minister of Water Affairs and Forestry; and (b) the inclusion therein of the conditions contained in a Record of Decision issued by the Minister of Water Affairs and Forestry regarding any measures that the Minister of Water Affairs and Forestry considers necessary to protect water resources as defined in the National Water Act, 1998 (Act No. 36 of 1998)”

The Director-General of the Department of Environmental Affairs and Tourism is duly authorised to issue Section 20 of the ECAA authorisations through a delegation of powers and duties in terms of section 33 of the ECA signed on 6 November 2006.

Since the promulgation of the ECA, 631 authorisations have been issued to owners of waste disposal sites (**Appendix A** contains a list of all the authorised disposal sites in South Africa until December 2005 – just prior to the transfer of the permitting function from DWAF to DEAT). This represents approximately 52% of the total number of disposal sites in South Africa.

All identified unauthorised disposal sites in South Africa need to be authorised in accordance with section 20 of the ECAA and become compliant. The abbreviated process for authorisation to be followed by owners of unauthorised disposal sites is provided in **Appendix B** of this report.

Facilities such as waste treatment plants, transfer stations and re-use/recovery/recycling plants are regarded as disposal sites in terms of the definition of “Disposal site” as stipulated in terms of Section 1 of ECA because of the "continuous" storage of waste on the premises

of these plants or sites before the disposal, removal or handling thereof. For this reason the above-mentioned facilities are included in this Disposal Site Census Report.

2 METHODOLOGY

2.1 Introduction

This section of the report describes the methodology that was followed and the actions that were taken to identify the number of unauthorised disposal sites in South Africa and to gather enough information on these disposal sites to such a level that will be sufficient to make a decision on whether they should proceed to authorisation for either closure or continued operation, in terms of section 20 of the ECAA or the National Environmental Management: Waste Management Act, 2007 (once promulgated).

2.2 Methodology

A questionnaire (attached as **Appendix C**) was designed and sent to all the 232 local and 6 metropolitan municipalities in South Africa, under a DEAT covering letter, requesting the following information:

- Name of Local Authority in which area the disposal site(s) is located.
- Name of disposal site(s)
- Type of unauthorised disposal facility i.e. landfill, transfer station, treatment plant, re-use/ recycling plant, etc. The Terms of Reference required that the identified unauthorised disposal sites be divided up into these categories, and it will be required for prioritisation purposes during phase 2 of the project.
- Status of disposal site(s) (operational or not, proposed/under construction, closed, closed pre 24 August 1990).
- Location and extent of disposal site(s).
- Indication of Fatal Flaws, as listed in the Minimum Requirements for Waste Disposal by Landfill document, that may prohibit the continued operation of the disposal site(s). This information will be used during phase 2 of the project to set prioritisation criteria for the authorisation of the unauthorised disposal sites.
- Population being served by the disposal site (this information is required for disposal site classification purposes).
- Expected lifetime of the disposal site(s) and indication whether the site could be phased out/closed and be replaced by a regional disposal site. It was agreed that all disposal sites with an expected lifetime of less than 3 years will be phased out and authorised for closure.

- Type of waste (General or Hazardous) and quantities disposed off at the site(s) (for disposal site classification purposes).
- Information on the type and standard of operation. This information is required to determine the operational standard of the disposal site and will be used to allocate a rating for prioritisation of the unauthorised disposal sites during phase 2 of the project.
- Identification of Industries within the local Municipal area with a disposal site on their property. Contact information was requested for industries which do have a disposal site on their premises in order to contact them to obtain the required information from their environmental managers.

These questionnaires were sent to all Municipalities in South Africa under a DEAT covering letter on 10 August 2007. The target date for the questionnaires to be returned was 5 September 2007. The response was not satisfactorily and reminder faxes for the return of the questionnaires was sent on 10 September 2007 to the Municipal Managers of those Municipalities who did not respond within the target date. This was followed up with telephone calls to the persons in the Municipalities responsible for waste management to obtain the required information.

To identify the unauthorised industrial waste disposal sites, the Department of Trade and Industry (DTI) were contacted to obtain a contact list of industries in South Africa which may have a disposal site on their premises. No information could be obtained from them. The environmental managers at major industries of whom the contact details were obtained from the questionnaires and from DWAF (Sub-directorate Industries within the Directorate Resource Protection and Waste), were contacted and the information required was obtained through electronic mail and facsimiles and included in the census. Information was also obtained from a number of Integrated Waste Management Plans done for Municipalities by KV3.

The information in the completed questionnaires was verified where possible against the information captured in the Integrated Waste Management Plans of the Municipalities on which spot checks were done. The completed questionnaires are available for reference in a separate volume and are not attached as an appendix to this report due to the size of documentation.

The information received from the questionnaires on the general waste disposal sites and of the industrial unauthorised hazardous waste disposal sites was captured in a spread sheet and attached as **Appendix D** to this report. Additional information of the unauthorised industrial waste disposal sites was gathered and attached as **Appendix E** to the report. The information from the questionnaires was summarised to determine the number of unauthorised disposal sites for the following categories:

-
- operating;
 - proposed/under construction;
 - operating but in the process of closure;
 - non-operating (in the latter case the distinction was made between sites closed before August 1990 and sites closed after 24 August 1990);
 - the various classes of disposal sites in accordance with the Minimum Requirements classification system, and
 - type of facility e.g. landfills, transfer stations, re-use/recovery/recycling plants.

The different type of facilities was further assessed to distinguish between those that should be authorised for closure and those that should be authorised for continued operation

3 KEY RESULTS FROM THE DISPOSAL SITE CENSUS

3.1 Introduction

The information submitted in the questionnaires can be regarded as accurate since no contradictory information was picked up from the Integrated Waste Management Plans (IWMP's) during the spot checks which were done for certain Municipalities.

The results of the Census are presented in the following tables and indicate the number of unauthorised disposal sites in the various categories as mentioned under the methodology section of the Report.

3.2 Key findings per Province

Table 2: Summary of unauthorised disposal sites in the Western Cape Province

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total	To be Authorised for Closure	To be Authorised for Continued Use	Total
Transfer Station	7	1	0	0	3	11	3	8	11	
Recycling / Re-use /Recovery Plant	0	0	0	0	0	0	0	0	0	
Treatment Facility	2	0	0	0	1	3	1	2	3	
Total	65	1	0	3	53	122	63	59	122	

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
Western Cape	Landfill	59	10	21	8	7	2	0	1	0	0	108
	Transfer Station	8	0	3	0	0	0	0	0	0	0	11
	Recycling / Re-use /Recovery Plant	0	0	0	0	0	0	0	0	0	0	0
	Treatment Facility	2	0	0	1	0	0	0	0	0	0	3
	Total	69	10	24	9	7	2	0	1	0	0	122

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

Table 3: Summary of the unauthorised disposal sites in the Eastern Cape Province:

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total	To be Authorised for Closure	To be Authorised for Continued Use	Total
Transfer Station	49	1	0	0	0	50	9	41	50	
Recycling / Re-use /Recovery Plant	1	0	0	0	0	1	0	1	1	
Treatment Facility	1	0		0	0	1	1	0	1	
Total	105	2	0	1	10	118	54	64	118	

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
Eastern Cape	Landfill	35	16	7	4	2	2	0	0	0	0	66
	Transfer Station	49	0	0	0	1	0	0	0	0	0	50
	Recycling / Re-use /Recovery Plant	0	0	0	0	0	0	0	0	1	0	1
	Treatment Facility	0	0	1	0	0	0	0	0	0	0	1
	Total	84	16	8	4	3	2	0	0	1	0	118

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites

Table 4: Summary of the unauthorised disposal sites in the Free State Province:

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total
Free State	Landfill	41	1	0	0	4	46
	Transfer Station	0	0	0	0	0	0
	Recycling / Re-use /Recovery Plant	1	0	0	0	0	1
	Treatment Facility	0	0	0	0	0	0
	Total	42	1	0	0	4	47

To be Authorised for Closure	To be Authorised for Continued Use	Total
13	33	46
0	0	0
0	1	1
0	0	0
13	34	47

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
Free State	Landfill	39	0	5	0	1	0	0	0	0	1	46
	Transfer Station	0	0	0	0	0	0	0	0	0	0	0
	Recycling / Re-use /Recovery Plant	0	0	1	0	0	0	0	0	0	0	1
	Treatment Facility	0	0	0	0	0	0	0	0	0	0	0
	Total	39	0	6	0	1	0	0	0	0	1	47

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

Table 5: Summary of the unauthorised disposal sites in the KwaZulu Natal Province:

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total
KwaZulu-Natal	Landfill	41	2	0	0	4	47
	Transfer Station	5	0	0	0	0	5
	Recycling / Re-use /Recovery Plant	0	0	0	0	0	0
	Treatment Facility	0	0	0	0	0	0
	Total	46	2	0	0	4	52

To be Authorised for Closure	To be Authorised for Continued Use	Total
23	24	47
0	5	5
0	0	0
0	0	0
23	29	52

0

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
KwaZulu Natal	Landfill	33	0	8	3	2	0	0	0	0	1	47
	Transfer Station	3	0	2	0	0	0	0	0	0	0	5
	Recycling / Re-use /Recovery Plant	0	0	0	0	0	0	0	0	0	0	0
	Treatment Facility	0	0	0	0	0	0	0	0	0	0	0
	Total	36	0	10	3	2	0	0	0	0	1	52

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

Table 6: Summary of the unauthorised disposal sites in the Mpumalanga Province:

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total
Mpumalanga	Landfill	46	0	0	0	2	48
	Transfer Station	0	0	0	0	0	0
	Recycling / Re-use /Recovery Plant	1	0	0	0	0	1
	Treatment Facility	0	0	0	0	0	0
	Total	47	0	0	0	2	49

To be Authorised for Closure	To be Authorised for Continued Use	Total
16	32	48
0	0	0
1	0	1
0	0	0
17	32	49

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
Mpumalanga	Landfill	30	0	10	2	1	0	1	0	1	3	48
	Transfer Station	0	0	0	0	0	0	0	0	0	0	0
	Recycling / Re-use /Recovery Plant	1	0	0	0	0	0	0	0	0	0	1
	Treatment Facility	0	0	0	0	0	0	0	0	0	0	0
	Total	31	0	10	2	1	0	1	0	1	3	49

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

Table 7: Summary of the unauthorised disposal sites in the North West Province:

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total
North West	Landfill	24	0	0	0	2	26
	Transfer Station	3	0	0	0	0	3
	Recycling / Re-use /Recovery Plant	0	0	0	0	0	0
	Treatment Facility	1	0	0	0	0	1
	Total	28	0	0	0	2	30

To be Authorised for Closure	To be Authorised for Continued Use	Total
15	11	26
0	3	3
0	0	0
0	1	1
15	15	30

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
North West	Landfill	22	0	3	1	0	0	0	0	0	0	26
	Transfer Station	3	0	0	0	0	0	0	0	0	0	3
	Recycling / Re-use /Recovery Plant	0	0	0	0	0	0	0	0	0	0	0
	Medical Waste Storage Treatment Facility	0	0	0	0	0	0	0	0	0	1	1
	Total	25	0	3	1	0	0	0	0	0	1	30

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

Table 8: Summary of the unauthorised disposal sites in the Gauteng Province:

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total	To be Authorised for Closure	To be Authorised for Continued Use	Total
Transfer Station	28	0	0	0	0	28	0	28	28	
Recycling / Re-use /Recovery Plant	3	0	0	0	0	3	0	3	3	
Treatment Facility	0	0	0	0	0	0	0	0	0	
Total	51	3	0	3	16	73	23	50	73	

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
Gauteng	Landfill	8	0	5	0	8	1	12	0	3	5	42
	Transfer Station	26	0	0	0	2	0	0	0	0	0	28
	Recycling / Re-use /Recovery Plant	1	0	0	0	0	0	0	0	1	1	3
	Treatment Facility	0	0	0	0	0	0	0	0	0	0	0
	Total	35	0	5	0	10	1	12	0	4	6	73

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

Table 9: Summary of the unauthorised disposal sites in the Limpopo Province:

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total
Limpopo	Landfill	22	0	0	0	7	29
	Transfer Station	8	0	0	0	0	8
	Recycling / Re-use /Recovery Plant	3	0	0	0	0	3
	Treatment Facility	0	0	0	0	0	0
	Total	33	0	0	0	7	40

To be Authorised for Closure	To be Authorised for Continued Use	Total
17	12	29
0	8	8
0	3	3
0	0	0
17	23	40

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
Limpopo	Landfill	22	0	5	0	1	0	0	0	0	1	29
	Transfer Station	8	0	0	0	0	0	0	0	0	0	8
	Recycling / Re-use /Recovery Plant	2	0	0	0	1	0	0	0	0	0	3
	Treatment Facility	0	0	0	0	0	0	0	0	0	0	0
	Total	32	0	5	0	2	0	0	0	0	1	40

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

Table 10: Summary of the unauthorised disposal sites in the Northern Cape Province:

Province	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total
Northern Cape	Landfill	47	1	0	0	1	49
	Transfer Station	1	0	0	0	0	1
	Recycling / Re-use /Recovery Plant	0	0	0	0	0	0
	Treatment Facility	0	0	0	0	0	0
	Total	48	1	0	0	1	50

To be Authorised for Closure	To be Authorised for Continued Use	Total
7	42	49
0	1	1
0	0	0
0	0	0
7	43	50

Province	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
Northern Cape	Landfill	43	0	4	0	2	0	0	0	0	0	49
	Transfer Station	1	0	0	0	0	0	0	0	0	0	1
	Recycling / Re-use /Recovery Plant	0	0	0	0	0	0	0	0	0	0	0
	Treatment Facility	0	0	0	0	0	0	0	0	0	0	0
	Total	44	0	4	0	2	0	0	0	0	0	0

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites.

4 DISCUSSION AND CONCLUSION

4.1 Discussion

The census was done to identify with certainty all unauthorised disposal sites in South Africa and to gather adequate information for the prioritisation of these sites.

The information was obtained through feedback obtained from the designed questionnaire which was sent to the 232 local and 6 metropolitan municipalities in South Africa, by having telephonical interviews with owners or operators of unauthorised disposal sites and from the Integrated Waste Management Plans where these were available.

Information on the unauthorised industrial disposal sites were obtained from the environmental managers of industries of which the contact details were obtained from the questionnaires and from DWAF (Sub-directorate Industries within the Directorate Resource Protection and Waste). The information required was obtained through electronic mail, telephone discussions and facsimile's and included in the census. Efforts to source information from DTI on unauthorised industrial disposal site were unsuccessful since no information could be provided by them. Approximately 40% of the industrial disposal site information was obtained from the IWMP's, approximately 40% by contacting the industries of which the contact details were provided by DWAF and 20% by contacting the industries of which the contact details were given in the questionnaires.

The information received as a result from the above-mentioned actions taken was captured in spread sheets per Province and the number of unauthorised disposal sites were summarised in the report for the various categories mentioned under the methodology section of the report (Section 2.2).

It was agreed with DEAT that the disposal sites which present environmental fatal flaws (factors or situations which prevent the development or continued operation of an environmentally acceptable waste disposal site, except at prohibitive cost) and that have a life span of less than 3 years will be authorised for closure, while the new (disposal sites proposed or under construction) and existing disposal sites with a life span of more than 3 years and which do not present any environmental fatal flaws or which can be upgraded by implementing special mitigatory measures to conform to the objectives of the Minimum Requirements for Waste Disposal by Landfill document will be authorised for continued use.

In the case where a disposal site has been recommended for closure, an indication of whether a replacement site has been identified or not, has been indicated in Appendix D. In these cases further recommendations on the establishment of regional waste disposal sites with a transfer infrastructure in a specific local Municipal area, has also been noted. However, detail investigations need to be done to confirm the feasibility for the establishment of a regional disposal site. This information was obtained from the questionnaires, from the Integrated Waste Management Plans of the Municipalities, through telephonical interviews with municipal waste managers or recommended based on the following criteria:

- Regional landfills are undoubtedly the way to go for large centres, towns and cities.
- In remote rural areas however, transport and distance, as well as limitations in economy of scale also become relevant.
- In areas with a low population density, and scattered small towns, small landfills may be less expensive overall.
- Recycling, composting and other forms of waste minimisation and separation at source tend to reduce the case for regional landfills even further.
- More closely spaced smaller landfills are more effective in combating littering and illegal dumping.

4.2 Conclusion

The key results from the census are as follows:

There are in total 581 unauthorised disposal sites² in South Africa that need to be authorised. Of the mentioned number of unauthorised disposal sites, 232 disposal sites need to be authorised for closure (disposal sites which present environmental fatal flaws and have a life span of less than 3 years) and 349 disposal sites for continued operational use (existing disposal sites with a life span of more than 3 years which do not present any environmental fatal flaws or which can be upgraded by implementing special mitigatory measures to conform to the objectives of the Minimum Requirements for Waste Disposal by Landfill document).

In total, 461 landfills, 106 transfer stations, 9 re-use/recycling facilities and 5 treatment facilities need to be authorised.

The details of the present unauthorised disposal sites in South Africa are presented in **Table 11** below for the various categories as discussed in the report.

² In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites. In the above cases, however, the authorisation of the two sites on the same property can be dealt with under 1 (one) authorisation application. A total of 10 (ten) such cases were identified which means that the 581 identified disposal sites could be authorised with 571 successful authorisation applications to DEAT.

Table 11: Summary of the unauthorised disposal sites in South Africa:

	Type of Disposal Facility	Operating	Proposed / Under Construction Facilities	Operating, in the process of Closure	Closed before Aug '90	Closed after Aug '90	Total		To be Authorised for Closure	To be Authorised for Continued Use	Total
Transfer Station	101	2	0	0	3	106	12	94	106		
Recycling / Re-use /Recovery Plant	9	0	0	0	0	9	1	8	9		
Treatment Facility	4	0	0	0	1	5	2	3	5		
Total	465	10	0	7	99	581	232	349	581		

	Type of Disposal Facility	Classification										Total
		GCB-	GCB+	GSB-	GSB+	GMB-	GMB+	GLB-	GLB+	H:h	H:H	
South Africa	Landfill	291	26	68	18	24	5	13	1	4	11	461
	Transfer Station	98	0	5	0	3	0	0	0	0	0	106
	Recycling / Re-use /Recovery Plant	4	0	1	0	1	0	0	0	2	1	9
	Treatment Facility	2	0	1	1	0	0	0	0	0	1	5
	Total	395	26	75	19	28	5	13	1	6	13	581

Note: In cases where the recycling/re-use/recovery plant/treatment facility was established on the same property as the landfill site, the landfill and recycling/re-use/recovery plant/ treatment facility was counted as 2 (two) disposal sites for identification purposes and listed as such in the various categories of disposal sites

5 REFERENCES

1. Department of Water Affairs and Forestry – Waste Generation in South Africa: July 1998
2. Department of Environmental Affairs and Tourism – Status Quo of Waste Management and Waste Disposal Site Permitting in South Africa (Zitholele Report on ECA Section 20 Handover and Implementation Project). July 2005
3. Department of Water Affairs and Forestry – Waste Management Series, Minimum Requirements for Waste Disposal by Landfill, Second Edition: 1998 and draft Third Edition 2005.
4. Department of Environmental Affairs and Tourism – National Waste Management Strategy South Africa, Version C: June 1999

APPENDIX A

List of Authorised Disposal Sites in South Africa

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 1	Linbropark	G:L-B-	25/04/1991	Johannesburg City Council	P. O. Box 4323	JOHANNESBURG	2000
P 2	Randburg	G:M-B-	18/10/1991	Randburg Town Council	Private Bag X1	RANDBURG	2125
P 3	Holfontein	H:H	23/11/1991	Wade-Chem (Pty) Ltd	P. O. Box 2207	BENONI	1500
				Enviroserve Industrial Waste Management	P. O. Box 13420	NORTHMEAD	1511
P 4	Mossgas	H:H	13/01/1992	Mossgas (Pty) Ltd	Private Bag X14	MOSSEL BAY	6500
P 5	Chloorkop	H:H	05/02/1992	Waste-Tech (Pty) Ltd	P. O. Box 232	BEDFORDVIEW	2008
P 6	Onderstepoort	G:L-B-	11/02/1992	Pretoria City Council	P. O. Box 1409	PRETORIA	0001
P 7	Koppies	G:C-B-	03/04/1992	Municipality of Koppies	P. O. Box 14	KOPPIES	9340
P 8	Welkom	G:	26/06/1992	Welkom City Council	P. O. Box 708	WELKOM	9460
P 9	Hendrina Power Station	G:	16/04/1992	Hendrina Power Station	Private Bag X1003	PULLENSHOPE	1096
P 10	Vaal Power Station	H:h	16/04/1992	United Carbon Producers	P. O. Box 1934	PARKLANDS	2121
P 11	Reddersburg	G:	26/06/1992	Municipality of Reddersburg	P. O. Box 11	REDDERSBURG	9904
P 12	Randfontein	G:C-B-	21/05/1992	Randfontein City Council	P. O. Box 218	WADEVILLE	1422
P 13	Lottering	G:M-B-	30/06/1992	Mr B. M. Lottering	P. O. Box 14459	WADEVILLE	1422
P 14	Langkuil/EMSA	G:S-B-	21/07/1992	EMSA (Pty) Ltd	P. O. Box 43	MEYERTON	1960
P 15	Goudkoppies	G:L:B+	12/08/1992	City Council of Johannesburg	P. O. Box 4323	JOHANNESBURG	2000
P 16	Addo Langbos	G:S-B-	12/08/1992	Algoa Regional Services Council	P. O. Box 318	PORT ELIZABETH	6000
P 17	Umgeni Power Station	H:h	12/08/1992	Umgeni Power Station	P. O. Box 184	PINETOWN	3600
P 18	Vierfontein Power Station	H:h	12/08/1992	Eskom	Private Bag X2	VIERFONTEIN	9530
P 19	Everite Brackenfell	G:	12/08/1992	Everite Ltd	P. O. Box 26	BRACKENFELL	7560
P 20	Robertson	G:M-B-	12/08/1992	Municipality of Robertson	P. O. Box 52	ROBERTSON	6705
P 21	Kriel Power Station	H:h	12/08/1992	Eskom	P. O. Box 5009	KRIEL	2271
P 22	Robinson Deep	G:L-B-	14/08/1992	City Council of Johannesburg	P. O. Box 4323	JOHANNESBURG	2000
P 23	Ingagane Power Station	H:h	14/08/1992	Ingagane Power Station	Private Bag X6652	NEW CASTLE	2940
P 24	Trompsburg	G:S-B-	04/09/1992	Municipality of Trompsburg	P. O. Box 23	TROMPSBURG	9913
P 25	Mkuze	G:C-B-	14/09/1992	Development and Services Board	P. O. Box 416	PIETERMARITZBURG	3200
P 26	Ingagane	G:	14/09/1992	Ingagane Power Station	Private Bag X6652	NEW CASTLE	2940
P 27	Umbumbulu Road	G:M-B-	14/09/1992	Nadasen's Transport (Pty) Ltd	P. O. Box 31005	MERIEBANK	4059
P 28	Western Platinum	G:S-B-	31/01/2003	Western Platinum Mine	Private Bag 504	MARIKANA	0284
P 29	Borough of Howick	G:M-B-	14/09/1992	Borough of Howick	P. O. Box 5	HOWICK	3290
P 30	Phomolong	G:M-B-	14/09/1992	Phomolong Town Council	P. O. Box 307	HENNENMAN	9445
P 31	Kakamas (Britstown)	G:S-B-	14/09/1992	Municipality of Britstown	P. O. Box 13	BRITSTOWN	8970
P 32	Noupoort	G:S-B-	14/09/1992	Municipality of Noupoort	P. O. Box 4	NOUPOORT	5950
P 33	Jacobsdal	G:S-B-	14/09/1992	Municipality of Jacobsdal	P. O. Box 4	JACOBSDAL	8710
P 34	Jagersfontein	G:S-B-	14/09/1992	Municipality of Jagersfontein	Private Bag X10	JAGERSFONTEIN	9974
P 35	H.J. Joël Gold Mine	G:S-B-	14/09/1992	H.J. Joel Gold Mining Company Ltd.	P. O. Box 128	VIRGINIA	9430
P 36	Kroonstad/Strydfontein	G:M-B-	17/09/1992	Municipality of Kroonstad	P. O. Box 302	KROONSTAD	9500
P 37	Koedoeskloof	H:h	24/09/1992	Municipality of Uitenhage	P. O. Box 45	UITENHAGE	6230
P 38	Dobsonville	G:M-B-	24/09/1992	Dobsinville City Council	P. O. Box 691	ROODEPOORT	1725
P 39	Sasol 1	G:S-B-	13/01/1993	Manager SASOL 1, Division of SASOL Industries (Pty) Ltd	P. O. Box 1	SASOLBURG	9570
P 40	Deelkraal Gold Mine	G:S-B-	01/10/1992	Deelkraal Gold Mining Company Ltd	Private Bag X2021	CARLETONVILLE	2500
P 41	Mashaeng	G:S-B-	08/10/1992	Mashaeng Town Council	Private Bag X701	FOURIESBURG	9725
P 42	Verwoerddamdorp	G:S-B-	09/10/1992	Town Manager Verwoerddamdorp	Private Bag X13	VERWOERDDAM	9922
P 43	Soshanguve/Rietgat	G:M-B-	12/01/1993	Transvaal Provincial Administration	Private Bag X437	PRETORIA	0001
P 44	Kilian Brickfields	G:S-B-	13/01/1993	Algoa Regional Services Council	P. O. Box 318	PORT ELIZABETH	6000
P 45	Mistkraal	G:S-B-	13/01/1993	Algoa Regional Services Council	P. O. Box 318	PORT ELIZABETH	6000
P 46	Boesmansriviermond	G:S-B-	13/01/1993	Municipality of Boesmansriviermond	P. O. Box 2	BOESMANSRIVIERMOND	6190

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 47	Lindley	G:S-B-	13/01/1993	Municipality of Lindley	P. O. Box 36	LINDLEY	9630
P 48	Winburg	G:S-B-	13/01/1993	Municipality of Winburg	P. O. Box 26	WINBURG	9420
P 49	Delareyville	G:S-B-	13/01/1993	Municipality of Delareyville	P. O. Box 24	DELAREYVILLE	2770
P 50	Sunlands	G:C-B-	13/01/1993	Algoa Regional Services Council	P. O. Box 318	PORT ELIZABETH	6000
P 51	Charlie I - Sasol Industries	G:	?	Sasol Industries	P. O. Box 1	SECUNDA	2303
P 52	Klerksdorp	G:S-B-	14/01/1993	Klerksdorp City Council	P. O. Box 99	KLERKSDORP	2570
P 53	George	G:M-B-	28/01/1993	Municipality of George	P. O. Box 19	GEORGE	6530
P 54	Lethabo Power Station	G:S-B-	17/02/1993	Eskom Lethabo Power Station	Private Bag X415	VILJOENSDRIFT	9580
P 55	Port Alfred	G:C-B-	17/02/1993	Municipality of Port Alfred	P. O. Box 13	PORT ALFRED	6170
P 56	Vaal Reefs Exploration & Mining Company	G:S-B-	17/02/1993	Vaal Reefs Exploration and Mining Co.	P. O. Box 5010	VAAL REEFS	2621
P 57	Rouxville	G:S-B-	17/02/1993	Municipality of Rouxville	P. O. Box 8	ROUXVILLE	9958
P 58	Lichtenburg	G:M-B-	22/02/1993	Municipality of Lichtenburg	P. O. Box 7	LICHTENBURG	2740
P 59	Citrusdal	G:S-B+	09/03/1993	Citrusdal Municipality	P. O. Box 57	CITRUSDAL	7340
P 60	Breyten	G:C-B-	20/04/1993	Town Council of Breyten	Private Bag X1007	BREYTEN	2330
P 61	Magabheni	G:M-B-	26/04/1993	KwaZulu Department of Works	Private Bag X1013	HAMMERSDALE	3700
P 62	Ladismith	G:S-B-	23/04/1993	Ladismith Municipality	P. O. Box 30	LADISMITH	6885
P 63	Willem Pretorius	G:C-B-	23/04/1993	Overvaal Oorde, Willem Pretorius		VENTERSBURG	9451
P 64	New England	G:M-B-	04/05/1993	City Council of Pietermaritzburg	P. O. Box 205	PIETERMARITZBURG	3200
P 65	Marie Louise Shaft	G:L-B-	04/05/1993	Rodepoort City Council	Private Bag X30	ROODEPOORT	1725
P 66	Pelindaba	G:S-B-	10/05/1993	Atoomenergie Korporasie	P. O. Box 582	PRETORIA	0001
P 67	Highlands - Malmesbury	G:M-B-	10/05/1993	Malmesbury Municipality	P. O. Box 52	MALMESBURY	7300
P 68	Die Duine - Upington	G:M-B-	10/05/1993	Upington Town Council	Private Bag X6003	UPINGTON	8800
P 69	Warden	G:S-B-	01/06/1993	Warden Municipality	P. O. Box 5	WARDEN	9890
P 70	Worcester	G:M-B+	15/06/1993	Worcester Municipality	Private Bag X3046	WORCESTER	6850
P 71	Shongweni	G:M-B-	08/07/1993	Waste-tech (Pty) Ltd	P. O. Box 12357	JACOBS	4026
P 72	Tongaat	G:M-B+	08/07/1993	Tongaat Town Board	P. O. Box 33	TONGAAT	4400
P 73	Eskom Witbank	H:h	21/07/1993	Eskom Building Services	P. O. Box 4588	JOHANNESBURG	2000
P 74	Bullfrog Pan	G:S-B-	19/08/1993	City Council of Benoni	Private Bag X014	BENONI	1500
P 75	Bontrug	G:S-B-	20/08/1993	Algoa Regional Services Council	P. O. Box 318	PORT ELIZABETH	6000
P 76	Estcourt	G:M-B-	30/08/1993	Borough of Estcourt	P. O. Box 15	ESTCOURT	3310
P 77	Viljoenskroon	G:	01/09/1993	Municipality of Viljoenskroon	Private Bag X02	VILJOENSKROON	9520
P 78	Louwna	G:C-B-	14/09/1993	NG Kerk Louwna	P. O.	LOUWNA	8610
P 79	Mooi River	G:M-B-	17/09/1993	Borough of Mooi River	P. O. Box 47	MOOI RIVER	3300
P 80	Cornelia	G:C-B-	17/09/1993	Cornelia Municipality	P. O. Box 9	CORNELIA	9850
P 81	Hartbeesfontein	G:M-B-	17/09/1993	Brits Town Council	P. O. Box 106	BRITS	0250
P 82	Vryburg	G:M-B-	17/09/1993	Vryburg Municipality	P. O. Box 35	VRYBURG	8600
P 83	Schoemansville	G:S-B-	17/09/1993	Brits Town Council	P. O. Box 106	BRITS	0250
P 84	Edenburg	G:S-B-	05/10/1993	Edenburg Municipality	P. O. Box 16	EDENBURG	9908
P 85	St Helena Gold Mine	G:S-B-	05/10/1993	St Helena Gold Mining Co. (Pty) Ltd	P. O. Box 55068	EERSTEMYN	9466
P 86	Bray	G:C-B-	05/10/1993	Albertus Johannes Fourie	P. O. Box 8	BRAY	8620
P 87	Alldays	G:S-B-	05/10/1993	Raad op Plaaslike Bestuursangeleenthede	P. O. Box 1341	PRETORIA	0001
P 88	Wesselsbron	G:S-B-	05/10/1993	Wesselsbron Municipality	P. O. Box 6	WESSELSBRON	9680
P 89	Beatrix Mine	G:S-B-	11/07/1994	Beatrix Mine	P. O. Box 2823	WELKOM	9460
P 90	Fauresmith	G:S-B-	05/10/1993	Fauresmith Municipality	Private Bag X2	FAURESMTIH	9978
P 91	Piet Plessis	G:C-B-	05/10/1993	Local Council of Piet Plessis	P. O. Box 21	VRYBURG	8600
P 92	Kestell	G:S-B-	05/10/1993	Kestell Municipality	P. O. Box 20	KESTELL	9860
P 93	Haenertsburg	G:S-B-	05/10/1993	Raad op Plaaslike Bestuursangeleenthede	P. O. Box 1341	PRETORIA	0001
P 94	Roosespruit	G:S-B-	05/10/1993	Brits Town Council	P. O. Box 106	BRITS	0250

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 95	Martins	G:M:B-	13/10/1993	Waste-Tech (Pty) Ltd	P. O. Box 9028	ESTADEAL	6012
P 96	Craigieburn	G:S:B-	13/10/1993	Development and Services Board	P. O. Box 416	PIETERMARITZBURG	3200
P 97	Darling	G:M:B+	05/01/1994	Darling Municipality	P. O. Box 5	DARLING	7345
P 98	Namakwa Sands (SCP)	G:M:B-	27/01/1994	Namakwa Sands Ltd	P. O. Box 61587	MARSHALLTOWN	2107
P 99	Tugela Mill	G:M:B-	01/02/1994	Sappi Kraft (Pty) Ltd	Private Bag X6034	MANDINI	4490
P 100	Potgietersrus	G:M:B-	08/02/1994	Potgietersrus Town Council	P. O. Box 34	POTGIETERSRUS	0600
P 101	Memel	G:C:B-	23/02/1994	Memel Municipality	P. O. Box 24	MEMEL	2970
P 102	Umtentweni	G:M:B-	23/02/1994	Umtentweni Town	P. O. Box 21	UMTENTWENI	4235
P 103	Cookhouse	G:S:B-	23/02/1994	Cookhouse Municipality	P. O. Box 24	COOKHOUSE	5820
P 104	Alexandria Nature Reserve	G:C:B+	23/02/1994	Cape Nature Conservation, Cape Provincial Administration: Alexandria	P. O. Box 50	ALEXANDRIA	6185
P 105	Roedtan	G:C:B-	23/02/1994	Health Committee van Roedtan	P. O. Box 58	ROEDTAN	0580
P 106	Namakwa Sands (MSP)	G:S:B-	23/02/1994	Namakwa Sands Ltd	P. O. Box 61587	MARSHALLTOWN	2107
P 107	Gwaing	G:M:B-	03/03/1994	Municipality of George	P. O. Box 19	GEORGE	6530
P 108	Odendaalsrus	G:M:B-	03/03/1994	Odendaalsrus Municipality	P. O. Box 21	ODENDAALSRUS	9480
P 109	Tsitsikamma National Park	G:C:B+	03/03/1994	National Parks Board	P. O.	STORMS RIVER	6308
P 110	Ladybrand	G:S:B-	15/03/1994	Ladybrand Municipality	P. O. Box 64	LADYBRAND	9745
P 111	Vrede	G:S:B-	15/03/1994	Vrede Municipality	P. O. Box 155	VREDE	2455
P 112	Steynsrus	G:S:B-	15/03/1994	Steynsrus Municipality	P. O. Box 6	STEYNSRUS	9515
P 113	Bergkamp	G:S:B-	22/03/1994	Excelsior Municipality	P. O. Box 24	EXCELSIOR	9760
P 114	Pering Mine (Shell SA)	G:C:B-	22/03/1994	Shell SA (Pty) Ltd. Mineral Section: Pering Mine	Private Bag	REIVILLO	8595
P 115	Victoria-West	G:S:B-	22/03/1994	Victoria-West Municipality	P. O. Box 13	VICTORIA-WEST	7070
P 116	Kathu	G:M:B-	28/03/1994	Kathu Municipality	P. O. Box 1001	KATHU	8446
P 117	Petrusburg	G:S:B-	28/03/1994	Petrusburg Municipality	Private Bag X04	PETRUSBURG	9932
P 118	Witbank	G:	28/03/1994	Town Council of Witbank	P. O. Box 3	WITBANK	1035
P 119	Somerset East	G:M:B-	12/04/1994	Somerset East Municipality	P. O. Box 21	SOMERSET EAST	5850
P 120	Groenpunt Prison	G:C:B-	28/04/1994	Department of Correctional Services	Private Bag X060	VEREENIGING	1930
P 121	TSB (Komati Mill)	G:	13/05/1994	TSB	P. O. Box 65	KOMATIPOORT	1340
P 122	J.C. Steyn Prison	G:S:B-	23/05/1994	Department of Correctional Services	Private Bag X602	KIRKWOOD	6120
P 123	Graskop	G:	02/06/1994	Town Council of Graskop	P. O. Box 18	GRASKOP	1270
P 124	Kragbron	H:h	09/06/1994	Eskom-Kragbron	P. O.	KRAGBRON	9560
P 125	Riebeeck East	G:S:B-	09/06/1994	Riebeeck East Municipality	P. O.	RIEBEECK EAST	5805
P 126	Pietersburg	G:M:B-	28/06/1994		P. O. Box 111	PIETERSBURG	0700
P 127	Tembisa	G:M:B-	28/06/1994	Town Council of Tembisa	P. O. Box 1	TEMBISA	1628
P 128	Kuruman	G:M:B-	07/07/1994	Municipality of Kuruman	P. O. Box 4	KURUMAN	8460
P 129	Tutuka	G:S:B-	11/07/1994	Eskom: Tutuka Power Station	Private Bag X2016	STANDERTON	2430
P 130	Nelspruit	G:	11/07/1994	City Council of Nelspruit	P. O. Box 45	NELSPRUIT	1200
P 131	Mpumalanga	G:M:B-	18/07/1994	Department of Works of KwaZulu	Private Bag X1013	HAMMERSDALE	3700
P 132	Paul Roux	G:S:B-	16/08/1994	Municipality of Paul Roux	P. O. Box 6	PAUL ROUX	9800
P 133	Hoopstad	G:S:B-	17/08/1994	Municipality of Hoopstad	P. O. Box 39	HOOPSTAD	2670
P 134	Ventersburg	G:S:B-	19/08/1994	Municipality of Ventersburg	P. O. Box 32	VENTERSBURG	9450
P 135	Free Gold Mine (FSG 7)	G:S:B-	19/08/1994	Free State Consolidated Gold Mines Pty	P. O. Box 80	WELKOM	9460
P 136	Witbank Leeuwpoot	G:	22/09/1994	Witbank Town Council	P. O. Box 3	WITBANK	1035
P 137	Brakpan Mines	G:M:B-	07/10/1994	East Rand Regional Services Council	Private Bag X1069	GERMISTON	1035
P 138	New Castle	G:M:B-	07/10/1994	New Castle Municipality	Private Bag X6621	NEW CASTLE	2940
P 139	Northam Platinum	G:S:B-	16/09/1994	Northam Platinum Limited	P. O. Box 441	THABAZIMBI	0380
P 140	Vanrhynsdorp	G:S:B-	23/11/1994	Municipality of Vanrhynsdorp	P. O. Box 8	VANRHYNSDORP	8170
P 141	Margolis	H:H	15/12/1994	Waste-Tech (Pty) Ltd	P. O. Box 1547	BEDFORDVIEW	2008
P 142	Rosslyn	G:M:B+	22/12/1994	Waste-Tech (Pty) Ltd	P. O. Box 1547	BEDFORDVIEW	2008

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 143	Nuffield	G:L:B+	'01/12/1994	Waste-Tech (Pty) Ltd	P. O. Box 1547	BEDFORDVIEW	2008
P 144	Hendrickskraal	G:C:B-	06/01/1995	M & L Trust	P. O. Box 783561	SANDTON	2146
P 145	Black Mountain Aggeneys	G:S:B-	17/01/1995	Black Mountain Mineral Development	Private Bag X01	AGGENEYS	8893
P 146	Black Mountain Zuurwater	G:S:B-	17/01/1995	Black Mountain Mineral Development	Private Bag X01	AGGENEYS	8893
P 147	Tutuka Power Station	H:H	18/01/1995	Tutuka Power Station, Eskom	Private Bag X2016	STANDERTON	2430
P 148	Muden Village	G:C:B-	23/01/1995	Muden Agricultural Association	P. O. Box 5	MUDEN	3501
P 149	Highflats Village	G:C:B+	23/01/1995	Highflats Village Association	Private Bag X9041	HIGHFLATS	3200
P 150	Leslie Mine	G:S:B-	23/01/1995	Leslie Gold Mines Ltd	Private Bag X1002	EVANDER	2280
P 151	AEK-CaF ₂	H:H	23/01/1995	Atomic Energy Corporation of South Africa Ltd	P. O. Box 582	PRETORIA	0001
P 152	Saulsville	G:M:B-	30/01/1995	City Council of Atteridgeville	P. O. Box 90	ATTERIDGEVILLE	0008
P 153	Riversdal Steynskloof	G:	15/02/1995	Municipality of Riversdale	P. O. Box 29	RIVERSDALE	6770
P 154	Smithfield	G:S:B-	15/02/1995	Municipality of Smithfield	Private Bag X02	SMITHFIELD	9966
P 155	Inanda	G:M:B-	17/02/1995	Port Natal - Ebhodwe Joint, Services Board	P. O. Box 1520	DURBAN	4000
P 156	Hotazel	G:C:B-	20/02/1995	Samancor Ltd	P. O. Box 1	HOTAZEL	8490
P 157	Mamatwan	G:C:B-	20/02/1995	Samancor Ltd	P. O. Box 1	HOTAZEL	8490
P 158	Wessels Mine	G:S:B-	20/02/1995	Samancor Ltd	P. O. Box 1	HOTAZEL	8490
P 159	Clarens	G:S:B-	20/02/1995	Municipality of Clarens	P. O. Box 16	CLARENS	9707
P 160	Kakamas	G:S:B-	20/02/1995	Municipality of Kakamas	P. O. Box 174	KAKAMAS	8870
P 161	Kendal Power Station	G:	28/02/1995	Eskom Kendal Power Station	Private Bag X7272	WITBANK	1035
P 162	Bloemfontein-South	G:M:B-	28/02/1995	Municipality of Bloemfontein	P. O. Box 3704	BLOEMFONTEIN	9300
P 163	Ladysmith	G:M:B-	28/02/1995	Municipality of Ladysmith	P. O. Box 612	LADYSMITH	3370
P 164	Eskom Wilge	H:h	28/02/1995	Eskom	Private Bag X1002	VOLTAGO	2226
P 165	Nondweni	G:M:B-	28/02/1995	Natal Provincial Administration	Private Bag X9078	PIETERMARITZBURG	3200
P 166	Wolmaransstad	G:S:B-	10/03/1995	Municipality of Wolmaransstad	P. O. Box 17	WOLMARANSSTAD	2630
P 167	Oudtshoorn (Grootkop)	G:M:B-	10/03/1995	Municipality of Oudtshoorn	P. O. Box 255	OUDTSHOORN	6620
P 168	Port Edward Banners Rest	G:M:B+	07/03/1995	Town Board of Port Edward	Private Bag X5	PORT EDWARD	4295
P 169	Bessiekop (Montagu)	G:S:B-	27/03/1995	Municipality of Montagu	P. O. Box 24	MONTAGU	6720
P 170	PPC de Hoek	G:S:B-	27/03/1995	Pretoria Portland Cement Co. Ltd	P. O. Box 311	PIKETBERG	7320
P 171	Bontebok Swellendam	G:M:B+	27/03/1995	Municipality of Swellendam	P. O. Box 20	SWELLENDAM	6740
P 172	Transhex Reuning	G:C:B-	27/03/1995	Transhex Mining Ltd	Private Bag X3	ALEXANDER BAY	8290
P 173	Transhex Baken	G:C:B-	27/03/1995	Transhex Mining Ltd	Private Bag X3	ALEXANDER BAY	8290
P 174	Colesberg	G:S:B-	27/03/1995	Municipality of Colesberg	Private Bag X6	COLESBERG	5980
P 175	Arnot	G:	27/03/1995	Eskom Arnot Power Station	Private Bag X2	RIETKUIL	1097
P 176	Vissershok Uitspan	H:H	27/03/1995	Waste-Tech (Pty) Ltd	P. O. Box 27	BELLVILLE	7536
P 177	Volksrust	G:	22/04/1995	City Council of Volksrust	Private Bag X9011	VOLKSRUST	2470
P 178	Aloes I	H:H	02/05/1995	Waste-tech (Pty) Ltd	P. O. Box 1547 P. O. Box 9028	BEDFORDVIEW ESTADEAL, PORT ELIZABETH	2008 6012
P 179	Naboomspruit Grootvallei	G:S:B-	02/05/1995	City Council of Naboomspruit	Private Bag 340	NABOOMSPRUIT	0560
P 180	Eskom Matla Power Station	G:	02/05/1995	Eskom Matla Power-Station	Private Bag X5012	MATLA	2274
P 181	Mondi Alusaf Swamp	G:	23/05/1995	Mondi Paper Company	P. O. Box 1551	RICHARDS BAY	3900
P 182	Kriel	G:	26/05/1995	City Council of Kriel	P. O. Box 40	KRIEL	2271
P 183	Kwaggasrand	G:	'06/06/1995	City Council of Pretoria	P. O. Box 1409	PRETORIA	0001
P 184	Het Bad Warmbad	G:	06/06/1995	Warmbad City Council	Private Bag X1609	WARMBAD	0480
P 185	Alexkor	G:S:B-	18/06/1995	Alexkor (Pty) Ltd	Private Bag X5	ALEXANDER BAY	8290
P 186	Colchester/Cannoville	G:C:B-	14/06/1995	Algoa Regional Services Council	P. O. Box 318	PORT ELIZABETH	6000
P 187	Bronkhorstspuit	G:	30/06/1995	Local Transitional Council of Bronkhorstspuit	P. O. Box 40	BRONKHORSTRSPRUIT	1020

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P 188	Jeffreys Bay	G:M:B-	10/07/1995	Municipality of Jeffreys Bay	P. O. Box 21	JEFFREYS BAY	6330
P 189	AECI Umbogintwini	H:H	10/07/1995	AECI Operations Services (Pty) Ltd	Private Bag X501	UMBOGINTWINI	4126
P 190	TSB Malelane Mill	G:	12/07/1995	Transvaal Sugar (Pty) Ltd	P. O. Box 47	MALELANE	1320
P 191	Bon Accord Mini Waste	G:L:B-	'08/08/1995	Mini Waste CC	P. O. Box 314	BON ACCORD	0009
P 192	Garstkloof	G:S:B-	'08/09/1995	City Council of Pretoria	P. O. Box 1409	PRETORIA	0001
P 193	Storms River	G:S:B-	08/09/1995	Algoa Regional Services Council	P. O. Box 318	PORT ELIZABETH	6000
P 194	Ceres	G:M:B+	10/09/1995	Municipality of Ceres	P. O. Box 44	CERES	6835
P 195	Paterson	G:S:B-	10/09/1995	Municipality of Paterson	P. O. Box 56	PATERSON	6130
P 196	Rayton	G:	10/09/1995	Municipality of Rayton	P. O. Box 204	RAYTON	1001
P 197	Platkop	G:L:B-	14/09/1995	Eastern Services Council	Private Bag 1069	GERMISTON	1400
P 198	Dundee Road Products Wasbank	H:h	21/09/1995	Dundee Road Products (Pty) Ltd	P. O. Box 413	ISANDO	1600
P 199	De Rust Landgoed	G:C:B+	20/10/1995	De Rust Landgoed	P. O. Box 48	GRABOUW	7160
P 200	Bulbul Drive	H:h	03/10/1995	Waste Service (Pty) Ltd	P. O. Box 32301	MOBENI	4060
P 201	Bellville Park	G:L:B+	05/01/1994	Waste-tech (Pty) Ltd	P. O. Box 3306	TYGERPARK	7536
P 202	Uitsig (Witsand/Port Beaufort)	G:S:B-	20/10/1995	Witsand/Port Beaufort Local Council	Private Bag X2	HEIDELBERG	6760
P 203	Brackenfell	G:M:B+	24/10/1995	Brackenfell Municipality	P. O. Box 35	BRACKENFELL	7560
P 204	Tweefontein Colliery	G:	25/10/1995	Duiker Exploration Limited, Tweefontein Colliery	P. O.	COALVILLE	1033
P 205	Buffelsrivier	G:S:B-	08/11/1995	Komaggas Transitional Council	P. O. Box 28	KOMAGGAS	8242
P 206	Sappi Kraft Ngodwana Mill	G:L:B+	08/11/1995	Sappi Kraft Ngodwana Mill	P. O. Box 32706	BRAAMFONTEIN	2017
P 207	Villiers	G:	09/11/1995	Municipality of Villiers	P. O. Box 23	VILLIERS	9840
P 208	Wartburg	G:S:B-	14/11/1995	Wartburg Health Committee	P. O. Box 29	WARTBURG	3450
P 209	Hankey	G:S:B-	14/11/1995	Town Council of Hankey	P. O. Box 3	HANKEY	6350
P 210	Impofudam Oord	G:C:B-	13/12/1995	Reynier Meyer	P. O. Box 407	HUMANSDORP	6300
P 211	Komati	G:	09/01/1996	Eskom: Komati Power Station	Private Bag	BLINKPAN	2250
P 212	Slangrivier (Swellendam)	G:S:B-	09/01/1996	Slang River Management Board	P. O. Box 172	HEIDELBERG	6760
P 213	Komaggas	G:S:B-	09/01/1996	Komaggas Transitional Council	P. O. Box 28	KOMAGGAS	8242
P 214	Zeerust	G:S:B-	09/01/1996	City Council of Zeerust	P. O. Box 92	ZEERUST	2865
P 215	Mamelodi	G:M:B-	01/02/1996	City Council of Mamelodi	Private Bag X06	MAMELODI	101
P 216	Delmas Witklip	G:	01/02/1996	City Council of Delmas	P. O. Box 6	DELMAS	2210
P 217	Unisel Gold Mines	G:S:B-	01/02/1996	Unisel Gold Mines Ltd	P. O. Box 5087	EERSTEMYN	9466
P 218	Delmas Botleng	G:	08/02/1996	City Council of Delmas Botleng	P. O. Box 6	DELMAS	2210
P 219	Rustenburg Town and Townlands	G:M:B-	08/02/1996	Transitional Council of Rustenburg and Environs	P. O. Box 16	RUSTENBURG	0300
P 220	Eersterust	G:L:B-	08/02/1996	Central Pretoria Metropolitan Council	P. O. Box 1409	PRETORIA	0001
P 221	Senekal	G:M:B-	08/02/1996	Municipality of Senekal	P. O. Box 20	SENEKAL	9600
P 222	Driekoppiesdam Schoemansdal	G:	06/03/1996	Matsamu Tribal Authority	P. O. Box 601	SHONGWE MISSION	1331
P 223	Simmer & Jack	G:L:B-	18/03/1996	Eastern Gauteng Services Council	P. O. Box 1069	GERMISTON	1400
P 224	Palaborwa Mining Company	G:S:B-	14/03/1996	Palaborwa Mining Company Limited	P. O. Box 65	PHALABORWA	1390
P 225	Emaweni Game Lodge	G:C:B-	14/03/1996	Emaweni Game Lodge	P. O. Box 823	PRETORIA	0001
P 226	Margate Oatlands Regional Site	G:M:B+	04/04/1996	Southern Natal Joint Services Board	P. O. Box 33	PORT SHEPSTONE	4240
P 227	Tweeling	G:S:B-	03/03/1996	City Council of Tweeling	P. O. Box 95	TWEELING	9820
P 228	Ibhayi Salt Pan	G:M:B-	11/04/1996	Municipality of Port Elizabeth	P. O. Box 116	PORT ELIZABETH	6000
P 229	Mondi Felixton	G:S:B-	22/04/1996	Mondi Paper Company, Richards Bay	P. O. Box 1551	RICHARDS BAY	3900
P 230	Ezakheni	G:S:B-	22/04/1996	Ingonyama Trust-Trustees	P. O. Box 11011	LADYSMITH	3370
P 231	Bronkhorstspuit Regional Site	G:	25/04/1996	City Council of Bronkhorstspuit	P. O. Box 40	BRONKHORSTRSPRUIT	1020
P 232	Sappi Kraft Tugela Mill	H:h	03/06/1996	Sappi Kraft (Pty) Ltd, Tugela Mill	Private Bag 6034	MANDENI	4490

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P 233	Ballengeich	H:H	03/06/1996	AECI Chlor-Alkali and Plastics Ltd	P. O. Box 112	JOHANNESBURG	2000
P 234	Sevontein	G:C-B-	03/06/1996	Dept. of Correctional Services	Private Bag X9057	PIETERMARITZBURG	3200
P 235	Sodwana Bay	G:C-B-	03/06/1996	Natal Parks Board	Private Bag 310	MBAZWANA	3974
P 236	Suurbraak	G:S-B-	06/06/1996	Suurbraak Transitional Council	Main Road	SUURBRAAK	6743
P 237	Droëkloof (Heidelberg)	G:S-B-	06/06/1996	Heidelberg Municipality	Private Bag X2	HEIDELBERG	6760
P 238	Bisasar Road	G:L:B+	11/07/1996	Director: Durban Solid Waste	P. O. Box 1038	DURBAN	4000
P 239	Alusaf Bayside storage facility	H:h	18/07/1996	Alusaf Limited, Bayside Smelter	P. O. Box 284	RICHARDS BAY	3900
P 240	Frys Metals Deal Party	H:H	30/07/1996	Frys Metals (Pty) Ltd	P. O. Box 519	GERMISTON	1400
P 241	Marianhill/Pinetown-South	G:L:B+	06/08/1996	Director: Durban Solid Waste	P. O. Box 1520	DURBAN	4000
P 242	Mondi Alton - Richards Bay	G:M:B+	11/08/1996	Mondi Limited - Kraft Division	P. O. Box 1551	RICHARDS BAY	3900
P 243	Grahamstown	G:M:B+	10/09/1996	Grahamstown Municipality	P. O. Box 176	GRAHAMSTOWN	6140
P 244	Madikwe	G:S-B-	10/09/1996	Transitional Council of Madikwe	Private Bag X1011	MADIKWE	2835
P 245	Richards Bay TLC	G:M:B+	09/10/1996	Ritchards Bay Transitional Local Council	Private Bag X1004	RITCHARDS BAY	3900
P 246	Umlazi IV	H:h	20/09/1996	Waste-Flow (Pty) Ltd Trading as Waste-tech	P. O. Box 26066	ISIPINGO BEACH	4115
P 247	Rustenburg Platinum Mines	G:M:B-	03/10/1996	Rustenburg Platinum Mines Ltd (Rustenburg)	P. O. Box 8208	RUSTENBURG	0300
P 248	Humberdale	G:M:B+	25/10/1996	Southern Natal Joint Services Board	P. O. Box 33	PORT SHEPSTONE	4240
P 249	Northam	G:C-B-	15/11/1996	Bushveld District Council	Private Bag X1018	NYLSTROOM	0510
P 250	Lebowa Platinum Zeekoegat	G:M:B-	29/11/1996	Lebowa Platinum Mines Limited	P. O. Box 1	ATOK	0749
P 251	Canonby Quarry	G:M:B+	02/01/1997	Sappi Saiccor (Pty) Ltd	P. O. Box 62	UMKOMAAS	4170
P 252	Zoar	G:S-B-	08/01/1997	Zoar Transitional Council	P. O. Box 32	ZOAR	6656
P 253	Steinkopf	G:S-B-	08/01/1997	Steinkopf Transitional Council	P. O. Box 6	STEINKOPF	8244
P 254	Stanford	G:S:B+	08/01/1997	Stanford Municipality	P. O. Box 84	STANFORD	7210
P 255	Botshabelo Eastern	G:M:B-	15/01/1997	Botshabelo Municipality	Private Bag X502	BOTSHABELO	9781
P 256	Vondeling Louis Trichardt	G:S-B-	29/01/1997	Greater Louis Trichardt Transitional Council	P. O. Box 96	LOUIS TRICHARDT	0920
P 257	Borough of Eshowe	G:S:B+	28/01/1997	Borough of Eshowe	P. O. Box 37	ESHOWE	3815
P 258	Utrecht	G:S-B-	21/01/1997	Borough of Utrecht	P. O. Box 11	UTRECHT	2980
P 259	Caledon	G:S:B+	30/01/1997	Caledon Municipality	P. O. Box 24	CALEDON	7230
P 260	Glencoe	G:S-B-	10/02/1997	Glencoe TLC	Private Bag X09	GLENCOE	2930
P 261	Marble Hall	G:M:B-	29/03/1997	Transitional Local Council of Marble Hall	P. O. Box 111	MARBLE HALL	0405
P 262	Roedtan	G:C-B-	28/04/1997	Bosveld District Council	Private Bag X1018	NYLSTROOM	0510
P 263	Wellington	G:M:B+	28/04/1997	Wellington Municipality	P. O. Box 12	WELLINGTON	7655
P 264	Harding	G:S-B-	30/05/1997	Harding TLC	P. O. Box 23	HARDING	4680
P 265	Kimberley	G:M:B-	23/06/1997	Municipality of Kimberley	Private Bag X5030	KIMBERLEY	8300
P 266	St Lucia	G:S:B+	30/06/1997	St Lucia Town Board	P. O. Box 16	ST. LUCIA	3936
P 267	Sun City	G:S-B-	27/06/1997	Sun International (North West) Ltd	P. O. Box 59	SUN CITY	0316
P 268	Venetia Mine	G:C-B-	27/06/1997	De Beers Consolidated Mines Limited - Venetia Mine	P. O. Box 668	MESSINA	0900
P 269	Himeville	G:C-B-	03/07/1997	Himeville Transitional Local Council	P. O. Box 43	HIMEVILLE	3256
P 270	Shongweni	H:h	28/08/1997	Enviroserv Waste Management (Pty) Ltd	P. O. Box 15005	WESTMEAD	3608
P 271	Aloes II	H:H	28/08/1997	Waste-tech (Pty) Ltd	P. O. Box 9028	ESTADEAL, PORT ELIZABETH	6012
P 272	Vredenburg/Saldanha	G:M:B-	05/09/1997	West Coast Peninsula Transitional Council	Private Bag X12	VREDENBURG	7380
P 273	Broomcliffe	G:M:B-	05/09/1997	Masonite Africa Limited	P. O. Box 57	ESTCOURT	3310

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 274	Voorberg Prison	G:S:B+	16/09/1997	Department of Public Works	Private Bag X65	PRETORIA	0001
P 275	Verref Rietfontein Springs	G:L:B+	02/10/1997	Eastern Gauteng Services Council	Private Bag X1069	GERMISTON	1400
P 276	Foskor Phalaborwa	G:S:B-	08/10/1997	Foskor Limited	P. O. Box 1	PHALABORWA	1390
P 277	Tshikondeni	G:S:B-	20/10/1997	Tshikondeni Mining Company Ltd	P. O. Box 346	MESSINA	0900
P 278	Arlington	G:L:B-	27/10/1997	City of Port Elizabeth, City Engineers Department	P. O. Box 7	PORT ELIZABETH	6000
P 279	Paulshoek	G:C:B-	29/10/1997	Transitional Council of Leliefontein	P. O. Box 98	GARIES	8220
P 280	Chloorkop	G:L:B-	30/10/1997	Waste-tech Landfill (Pty) Ltd, A Subsidiary of Enviroserv Holdings Ltd	P. O. Box 232	BEDFORVIEW	2008
P 281	Lebogang (Warmbaths)	G:C:B-	11/11/1997	Adinvale Farming Estates (Pty) Ltd	P. O. Box 22	WARMBATHS	0480
P 282	Spoegrivier	G:C:B-	11/11/1997	Leliefontein Transitional Council	Kharkams	PK GARAGAMS	8223
P 283	Leliefontein	G:C:B-	11/11/1997	Leliefontein Transitional Council	Leliefontein	KAMIESBERG	8261
P 284	Rooifontein	G:C:B-	11/11/1997	Leliefontein Transitional Council	P. O. Box 4	KAMIESKROON	8241
P 285	Rooifontein/Kamassies	G:C:B-	11/11/1997	Leliefontein Transitional Council	P. O. Box 4	KAMIESKROON	8241
P 286	Laingsburg	G:S:B-	04/03/1998	Laingsburg Municipality	Private Bag X14	LAINGSBURG	6900
P 287	Kheis	G:C:B-	04/12/1997	Leliefontein Transitional Council	P. O. Box 34	GARIES	8220
P 288	Klipfontein	G:C:B-	04/12/1997	Leliefontein Transitional Council	Post Office	GARAGAMS	8223
P 289	Allanridge	G:S:B-	22/12/1997	Allanridge Transitional Local Council	P. O. Box 1	ALLANRIDGE	9490
P 290	Scaw Metals Site 3	G:L:B-	24/12/1997	Scaw Metals Division, Amic Industries Limited	P. O. Box 61721	MARSHALLTOWN	2107
P 291	Denel Somchem	G:C:B+	31/07/1998	Denel: Somchem	P. O. Box 187	SOMERSET WEST	7130
P 292	Burgersfort	G:C:B-	15/04/1998	Steelpoort/Orighstad/Burgersfort Transitional Local Council	P. O. Box 206	BURGERSFORT	1150
P 293	Langebaan	G:S:B-	04/03/1998	Municipality of Langebaan	P. O. Box 11	LANGEBAAN	7357
P 294	Mokaikai	G:S:B-	05/03/1998	Mokaikai Private Nature Reserve Landowners Association	Private Bag X15	BRYANSTON	2021
P 295	Vaalwater	G:S:B-	16/03/1998	Bushveld District Council	Private Bag X1018	NYLSTROOM	0510
P 296	De Beers Cullinan Premier Mine	G:C:B-	15/04/1998	De Beers Consolidated Mines (Pty) Ltd	P. O. Box 44	CULLINAN	1000
P 297	Saldanha Staal	G:L:B+	15/04/1998	Saldanha Steel (Pty) Ltd	P. O. Box 1404	RIVONIA	2128
P 298	Empangeni	G:M:B+	28/04/1998	Empangeni-Ngwelezane Transitional Local Council	P. O. Box 115	EMPANGENI	3880
P 299	Lebohang	G:M:B-	28/04/1998	Leandra Transitional Local Council	Private Bag X5	LESLIE	2265
P 300	Vissershok CMC	H:h	28/04/1998	Cape Metropolitan Council	P. O. Box 16548	VLAEBERG	8018
P 301	Swartmodderweg Upington	G:S:B-	28/04/1998	Upington Municipality	Private Bag X6003	UPINGTON	8800
P 302	East Driefontein Magazine	G:S:B-	05/06/1998	Easte Driefontein Gold Mine (Driefontein Consolidated Limited)	Private Bag X2016	CARLETONVILLE	2500
P 303	Lydenburg	G:M:B-	17/06/1998	Lydenburg Transitional Local Council	P. O. Box 61	LYDENBURG	1120
P 304	Bonnievale	G:S:B-	31/07/1998	Bonnievale Municipality	P. O. Box 10	BONNIEVALE	6730
P 305	Tulbagh	G:S:B+	30/03/1999	Tulbagh Municipality	P. O. Box 3	TULBAGH	6820
P 306	Wegdraai	G:S:B-	31/07/1998	Benede-Oranje District Council	Private Bag X6039	UPINGTON	8800
P 307	Raaswater	G:S:B-	31/07/1998	Benede-Oranje District Council	Private Bag X6039	UPINGTON	8800
P 308	Port Nolloth	G:S:B-	31/07/1998	Port Nolloth Municipality	Private Bag X113	PORT NOLLOTH	8280
P 309	Grootdrink	G:S:B-	31/07/1998	Benede-Oranje District Council	Private Bag X6039	UPINGTON	8800
P 310	Ashton	G:S:B-	30/07/1998	Ashton Municipality	P. O. Box 22	ASHTON	6715
P 311	Eksteenfontein	G:C:B-	30/07/1998	Richtersveld Transitional Council	Post Office	PORT NOLLOTH	8284
P 312	Lekkersing	G:C:B-	31/07/1998	Richtersveld Transitional Council	200 Cloete Street	LEKKERSING	8283
P 313	Leerkrans	G:S:B-	31/07/1998	Benede-Oranje District Council	Private Bag X6039	UPINGTON	8800
P 314	Hopefield Leengroef	G:S:B-	03/09/1998	Hopefield Municipality	P. O. Box 6	HOPEFIELD	7355
P 315	Springbok	G:S:B-	04/11/1998	Municipality of Springbok	P. O. Box 17	SPRINGBOK	8240
P 316	Karkams	G:C:B-	17/11/1998	Leliefontein Transitional Council	Post Office Garagams	via GARIES	8223

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 317	Khubus	G:C-B-	17/11/1998	Richtersveld Transitional Council	Post Office Kuboes	via ALEXANDER BAY	8290
P 318	Fraserburg	G:C-B-	19/11/1998	Municipality of Fraserburg	Private Bag X03	FRASERBURG	6960
P 319	Pietersburg/Weltevreden	G:M-B-	19/11/1998	Pietersburg/Polokwane TLC	P. O. Box 111	PIETERSBURG	0700
P 320	Tweerivier	G:C-B-	19/11/1998	Leliefontein Transitional Council	Post Office Garagams	TWEERIVIER	8223
P 321	Sanddrift	G:C-B-	09/12/1998	Richtersveld Transitional Council	200 Cloete Street	LEKKERSING	8082
P 322	Mata-Mata	G:C-B-	09/12/1998	Kalahari Gemsbok National Park	Private Bag X5890	UPINGTON	8800
P 323	Nossob	G:C-B-	09/12/1998	Kalahari Gemsbok National Park	Private Bag X5890	UPINGTON	8800
P 324	Klein-Nourivier	G:C-B-	09/12/1998	Leliefontein Transitional Council	Private Bag X4	KAMIESKROON	8241
P 325	Op die Berg	G:C-B+	11/12/1998	Breede River District Council	P. O. Box 91	BREDASDORP	7280
P 326	Twee Rivieren (Kalahari Gemsbok Park)	G:C-B-	14/12/1998	Kalahari Gemsbok National Park	Private Bag X5890	UPINGTON	8800
P 327	Ntuzuma	G:M-B+	11/01/1999	Durban Metropolitan Council	P. O. Box 1038	DURBAN	4000
P 328	Oryx Mine	G:C-B-	07/01/1999	Oryx Mine	P. O. Box 55068	EERSTEMYN	9466
P 329	Bredasdorp	G:S-B-	11/12/1998	Bredasdorp Municipality	P. O. Box 51	BREDASDORP	7280
P 330	Spoornet Knysna Transfer Station	G:S-B+	17/01/1999	Spoornet	Private Bag X47	JOHANNESBURG	2000
P 331	Stellenbosch Municipality	G:M-B+	29/01/1999	Stellenbosch Municipality	P. O. Box 17	STELLENBOSCH	7599
P 332	Ashton Municipality	G:C-B-	04/02/1999	Ashton Municipality	P. O. Box 22	ASHTON	6715
P 333	Harrismith Libertas	G:M-B-	22/12/1997	Harrismith Municipality	P. O. Box 43	HARRISMITH	9880
P 334	Goswell aluminium	G:M-B+	24/03/1999	Goswell Developments cc.	P. O. Box 221	CATO RIDGE	3680
P 335	Gansbaai	G:M-B-	30/03/1999	Gansbaai Municipality	P. O. Box 26	GANSBAAI	7220
P 336	Parys	G:S-B-	14/04/1999	Parys Municipality	P. O. Box 359	PARYS	9585
P 337	Elim	G:C-B-	14/04/1999	Overberg District Council	Private Bag X22	BREDASDORP	7280
P 338	Virginia	G:S-B-	19/04/1999	Virginia Municipality	Private Bag X7	VIRGINIA	9430
P 339	Thenissen/Masilo	G:S-B-	04/05/1999	Theunissen/Masilo Municipality	P. O. Box 8	THEUNISSEN	9410
P 340	Bothaville	G:S-B-	14/06/1999	Bothaville/Kgotsong Transitional Council	Private Bag X15	BOTHAVILLE	9660
P 341	Reitz-Petsana	G:S-B-	14/06/1999	Reitz Municipality	P. O. Box 26	REITZ	9810
P 342	Namahadi	G:C-B-	29/06/1999	Frankfort Local Transitional Council	P. O. Box 172	FRANKFORT	9830
P 343	Harrismith-Phomolong	G:S-B-	08/07/1999	City Council of Harrismith	P. O. Box 43	HARRISMITH	9880
P 344	Mondi Merebank	H:H	26/08/1999	Mondi Paper a Division of Mondi (Pty) Ltd - Merebank Mill	P. O. Box 31024	MEREBANK	4059
P 345	Thabazimbi Donkerpoort	G:S-B-	28/08/1999	Thabazimbi Transitional Local Council	P. O. Box 90	THABAZIMBI	0380
P 346	Giftkop Alexkor	G:C-B-	17/09/1999	Alexkor Limited	Private Bag X5	ALEXANDER BAY	8290
P 347	Kamieskroon	G:C-B-		Municipality of Kamieskroon	P. O. Box 42	KAMIESKROON	8241
P 348	Onderberg Strathmore	G:M-B+	17/09/1999	Onderberg Processing Co-operation Limited	P. O. Box 543	MALELANE	1320
P 349	Melmoth	G:S-B+	30/09/1999	Melmoth Transitional Local Council	P. O. Box 11	MELMOTH	3835
P 350	Kalksloot	G:S-B-	30/09/1999	Benede-Oranje District Council	Private Bag X6039	UPINGTON	8800
P 351	Paarl	G:S-B+	10/11/1999	Paarl Municipality	P. O. Box 12	PAARL	7622
P 352	Soebatsfontein	G:C-B-	08/11/1999	Namakwaland District Council	P. O. Box 5	SPRINGBOK	8240
P 353	Loeriesfontein	G:C-B-	08/11/1999	Benede-Oranje District Council	Private Bag X6039	UPINGTON	8800
P 354	Onseepkans Melkbosrand	G:C-B-	08/11/1999	Benede-Oranje District Council	Private Bag X6039	UPINGTON	8800
P 355	Onseepkans Sending	G:C-B-	08/11/1999	Benede-Oranje District Council	Private Bag X6039	UPINGTON	8800
P 356	Villiersdorp	G:S-B+	30/11/1999	Villiersdorp Municipality	P. O. Box 23	VILLIERSDORP	6848
P 357	Wellington	G:S-B+	30/11/1999	Wellington Municipality	P. O. Box 12	WELLINGTON	7654
P 358	Rietfontein	G:C-B-	30/11/1999	The Management Council - Mier Rural Area	P. O. Box 178	MIER	8811
P 359	Philandersbron	G:C-B-	30/11/1999	The Management Council - Mier Rural Area	P. O. Box 178	MIER	8811
P 360	Loubos	G:C-B-	30/11/1999	The Management Council - Mier Rural Area	P. O. Box 178	MIER	8811

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P 361	Groot Mier	G:C-B-	30/11/1999	The Management Council - Mier Rural Area	P. O. Box 178	MIER	8811
P 362	Carnarvon	G:C-B-	30/11/1999	Carnarvon Municipality	Private Bag X226	CARNARVON	8925
P 363	Brandvlei	G:C-B-	24/11/1999	Brandvlei Local Transitional Council	P. O. Box 12	BRANDVLEI	8915
P 364	Eskom Camden asbes	H:h	27/03/2000	ESKOM	Private Bag X1002	NUCAM	2355
P 365	CISA New Castle	H:h	27/03/2000	Chrome Intenational S.A. (Pty) Ltd	Private Bag X6621	NEWCASTLE	2940
P 366	Sappi Forest Ndubazi	G:C-B-	27/03/2000	Sappi Forests (Pty) Ltd	Private Bag X1080	BADPLAAS	1190
P 367	Virginia Transfer Station	G:M:B-	27/03/2000	Virginia Municipality	Private Bag X7	VIRGINIA	9430
P 368	Klapmuts	G:S:B+	30/03/2000	Winelands District Council	P. O. Box 100	STELLENBOSCH	7599
P 369	Klapmuts Transfer Station	G:S:B+		Winelands District Council	P. O. Box 100	STELLENBOSCH	7599
P 370	Mondi Kraft Piet Retief	G:M:B+	27/03/2000	Mondi Limited - Kraft Division, Piet Retief Mill	P. O. Box 290	PIET RETIEF	2380
P 371	Kwamgondwa	G:S:B+	27/03/2000	Mbumbulu Landfill (Pty) Ltd	P. O. Box 31005	MEREBANK	4059
P 372	Sappi Forest Doyershoek	G:C-B-	27/03/2000	Sappi Forests (Pty) Ltd	Private Bag X1080	BADPLAAS	1190
P 373	Calvinia	G:S-B-	27/03/2000	Municipality of Calvinia	Private Bag X14	CALVINIA	8190
P 374	Karwyderskraal	G:M:B+	30/03/2000	Overberg District Council	Private Bag X22	BREDASDORP	7280
P 375	Plettenberg Bay	G:S:B+	13/04/2000	Plettenberg Bay Municipality	P. O. Box 26	PLETTENBERG BAY	6600
P 376	Edenvale Sebenza	G:L:B-	03/05/2000	Lethabong Metropolitan Local Council	P. O. Box 25	EDENVALE	1610
P 377	Coastal Park	G:L:B+	16/05/2000	Cape Metropolitan Council	P. O. Box 16548	VLAEBERG	8018
P 378	Elukwatini	G:C-B-	15/05/2000	Elukwatini Transitional Local Council	Private Bag X1007	ELUKWATINI	1192
P 379	Eastern Platinum Turffontein	G:C-B-	17/05/2001	Eastern Platinum Limited	Private Bag X700	MOOINOOI	0825
P 380	Nylstroom	G:S-B-	03/07/2000	Greater Nylstroom Transitional Local Council	Private Bag X1008	NYLSTROOM	0510
P 381	East London Regional Site (Roundhill)	G:L:B+	28/07/2000	East London Transitional Local Council	P. O. Box 134	EAST LONDON	5200
P 382	Dendron	G:C-B-	16/08/2000	Dendron Transitional Local Council	P. O. Box 44	DENDRON	0715
P 383	Hatherley	G:L:B-	16/08/2000	Greater Pretoria Metropolitan Council	P. O. Box 6338	PRETORIA	0001
P 384	Prince Albert	G:C-B-	25/08/2000	Prince Albert Municipality	Private Bag X53	PRINCE ALBERT	6930
P 385	Stilbaai Jongensfontein	G:C-B-	18/10/2000	Stilbaai Municipality	P. O. Box 2	STILBAAI	6674
P 386	Sebokeng Borrow Pitts	G:S-B-	20/11/2000	Lekoa Vaal Metropolitan Council	P. O. Box 471	VEREENIGING	1930
P 387	Sebokeng Zone 16	G:M:B+	10/01/2001	Lekoa Vaal Metropolitan Council	P. O. Box 471	VEREENIGING	1930
P 388	Piet Retief	G:S-B-	24/01/2001	Piet Retief Local Council	P. O. Box 23	PIET RETIEF	2380
P 389	Piet Retief	G:S-B-	02/02/2001	Piet Retief Local Council	P. O. Box 23	PIET RETIEF	2380
P 390	Potchefstroom Kynoch Gypsum dam	H:h	09/03/2001	Kynoch Fertiliser (Pty) Ltd	P. O. Box 360	POTCHEFSTROOM	2520
P 391	Mooiplaats	G:L:B-	12/03/2001	The Waste Group	P. O. Box 314	BON ACCORD	0009
P 392	Friemersheim	G:C:B+	13/03/2001	Local Council of Friemersheim	P. O. Box 987	GREAT BRAK RIVER	6525
P 393	Fochville	G:C-B-	23/03/2001	Local Council of Fochville	P. O. Box 1	FOCHVILLE	2515
P 394	Geelpan Vaalputs	G:C-B-	23/03/2001	Atomic Energy Corporation of South Africa	P. O. Box 583	PRETORIA	0001
P 395	Western Deep Level Mponeng Mine	G:S-B-	26/04/2001	Anglogold West Wine Wits (Pty) Ltd	P. O. Box 8044	WESTERN LEVEL	2501
P 396	Keiskammahoek	G:C-B-	03/05/2001	Keiskammahoek Transitional Local Council	P. O. Box 84	KEISKAMMAHOEK	5670
P 397	Cullinan Village	G:C-B-	23/05/2001	De Beers Consolidated Mines Ltd - Premier Mine	P. O. Box 44	CULLINAN	1000
P 398	Alice	G:C-B-	23/05/2001	Alice Transitional Local Council	P. O. Box 23	ALICE	5700
P 399	Naboomspruit	G:S-B-	23/05/2001	Naboomspruit Local Council	P. O. Box 34	NABOOMSPRUIT	0560
P 400	Gamsberg	G:C-B-	28/05/2001	Anglo Operations Limited	P. O. Box 64587	MARSHALLTOWN	2107

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 401	Skip Waste Recycling Centre	G:M:B-	04/06/2001	Skip Waste Recycling Centre - Consolidated Waste Trading as Skip Waste (Pty)	P. O. Box 4437	RANDBURG	2125
P 402	Madadeni	G:S:B+	04/06/2001	Durban Metropolitan Council	P. O. Box 1038	DURBAN	4000
P 403	Osizweni	G:S:B+	04/06/2001	Durban Metropolitan Council	P. O. Box 1038	DURBAN	4000
P 404	Sabie	G:C:B+	04/06/2001	Sabie Local Council	P. O. Box 61	SABIE	1250
P 405	Hammersdale	G:M:B+	04/06/2001	Durban Metropolitan City Council	P. O. Box 1038	DURBAN	4000
P 406	Sasol Secunda Synthetic Fuels	G:L:B+	03/07/2001	Sasol Synthetic Fuels (Pty) Ltd	Private Bag X1000	SECUNDA	2302
P 407	Klipkop Malmesbury	G:C:B-	03/07/2001	Swartland Municipality	Private Bag X52	MALMESBURY	7299
P 408	Mossop Western Leathers	H:h	03/07/2001	Mossop Western Leathers	P. O. Box 501	WELLINGTON	7655
P 409	Hennie Alberts Street Transfer Station	G:S:B-	09/07/2001	Alberton Transitional Local Council	P. O. Box 4	ALBERTON	1450
P 410	Rooiberg	G:C:B-	09/07/2001	Rooiberg Development Trust	P. O. Box 1	BRITS	0250
P 411	Leeupoort	G:C:B-	09/07/2001	Bushveld District Council	Private Bag X1018	NYLSTROOM	0510
P 412	Middelburg Rietfontein	G:M:B-	16/07/2001	Middelburg Municipality	P. O. Box 14	MIDDELBURG	1050
P 413	Middledrift	G:C:B-	26/07/2001	Middledrift Transitional Local Council	Private Bag X18	MIDDLEDRIFT	5750
P 414	Baken	G:C:B-	26/07/2001	Transhex Mynbou Beperk	P. O. Box 191	ALEXANDER BAY	8290
P 415	Carletonville	G:M:B-	01/08/2001	Far West Rand Dolomitic Water Association	P. O. Box 61809	MARSHALLTOWN	2107
P 416	Sappi Enstra Mill	H:H	07/08/2001	Sappi Fine Papers Enstra Mill	P. O. Box 3246	SPRINGS	1560
P 417	Bayside Aluminium SPL Pond	H:H	07/08/2001	Bayside Aluminium (Richards Bay)	P. O. Box 284	RICHARDS BAY	3900
P 418	Hoedspruit	G:C:B-	03/09/2001	Hoedspruit/Makhutswi Transitional Local Council	P. O. Box 627	HOEDSPRUIT	1380
P 419	Hoedspruit	G:C:B-	03/09/2001	Hoedspruit/Makhutswi Transitional Local Council	P. O. Box 627	HOEDSPRUIT	1380
P 420	Schweizer Reneke	G:C:B-	03/09/2001	Schweizer Reneke Local Council	P. O. Box 5	SCHWEIZER RENEKE	2780
P 421	Schweizer Reneke	G:S:B-	03/09/2001	Schweizer Reneke Local Council	P. O. Box 5	SCHWEIZER RENEKE	2780
P 422	Impelegeng	G:C:B-	03/09/2001	Schweizer Reneke Local Council	P. O. Box 5	SCHWEIZER RENEKE	2780
P 423	De Beers Buffels Marine Complex Annex Kleinzee Hard Scrap Dump	G:C:B-	03/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 424	Buffels Marine Complex Tweepad Hard Scrap Dump	G:C:B-	03/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 425	Mitchells Bay Hard Scrap Dump	G:C:B-	03/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 426	Koingnaas Mine Hard Scrap Dump	G:C:B-	03/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 427	Ermelo	G:M:B-	18/09/2001	Ermelo Town Council	P. O. Box 48	ERMELO	2350
P 428	De Beers Inland Complex Langhoogte HS	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 429	Buffels Inland Complex Nuttabooi SSD	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 430	De Beers Koingnaas HSD	G:C:B-	26/11/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 431	Buffels Inland Complex Langhoogte SSD	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 432	Koingnaas Mine SSD	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 433	Mitchells Bay Mine SSD	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 434	Kleinzee Town Dreyers Pan	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 435	Kleinzee Town Koingnaas Road Hard Scrap	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 436	Bloemfontein Medical Waste Incinerator	H:H	17/10/2001	Enviroserve Waste Management (Pty) Ltd - Sanumed Environmental Services	P. O. Box 2207	BENONI	1500
P 437	Swartklip Transfer Station	G:L:B+	22/10/2001	City of Cape Town	P. O. Box 16548	VLAEBERG	8018
P 438	Buffels Marine Complex Tweepad Soft Scrap Dump	G:C:B-	22/10/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 439	Buffels Marine Complex Annex Kleinzee Soft Scrap Dump	G:C:B-	22/10/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 440	Anglo Platinum Rustenburg Platinum Mine	G:M:B-	22/10/2001	Anglo Platinum Rustenburg Platinum Mine	Private Bag X351	ZWARTKLIP	0370
P 441	Bafokeng Rasimone - Platinum Mine	G:S:B-	05/11/2001	Bafokeng Rasimone Platinum Mine	P. O. Box 4971	RUSTENBURG	0300
P 442	Beaufort-West Vaalkoppies	G:C:B-	05/11/2001	Beaufort West Municipality	Private Bag X582	BEAUFORT WEST	6970
P 443	Kleinzee Town Garden Refuse Dump	G:C:B-	07/12/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 444	Koingnaas Town Garden Refuse Dump	G:C:B-	26/11/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 445	Kleinzee Town Building Rubble Dump	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 446	Koingnaas Town Building Rubble Dump	G:C:B-	26/09/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 447	Brandkaros Alexkor	G:C:B-	26/11/2001	Alexkor Limited	Private Bag X05	ALEXANDER BAY	8290
P 448	Koingnaas Town Hostel Kitchen Refuse Dump	G:C:B-	26/11/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 449	Beauvallon Alexkor	G:C:B-	26/11/2001	Alexkor Limited	Private Bag X05	ALEXANDER BAY	8290
P 450	Samsons Bak Contractor Rubbish Dump	G:C:B-	07/12/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 451	Kleinzee Town Salvage Dump	G:C:B-	07/12/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 452	Kenhardt	G:C:B-	07/12/2001	Kenhardt Municipality	Private Bag X05	KENHARDT	8900
P 453	Nkwazi	G:C:B+	10/12/2001	Nkwazi Transitional Local Council	P. O. Box 55	DARNHILL	4480
P 454	Hilton	G:S:B+	10/12/2001	Hilton TLC	P. O. Box 105	HILTON	3245
P 455	Koingnaas Town Domestic Refuse Dump	G:C:B-	07/12/2001	De Beers Consolidated Mines Limited - Namaqualand Mines Division	Private Bag X01	KLEINZEE	8282
P 456	Hartbeesfontein/Tigane	G:C:B-	07/01/2002	Klerksdorp Local Municipality	P. O. Box 99	KLERKSDORP	2570
P 457	Hermanus Transfer Station	G:M:B+	08/01/2002	Overstrand Municipality	P. O. Box 20	HERMANUS	7200
P 458	Kleinmond Waste Transfer Station	G:S:B+	08/01/2002	Overstrand Municipality	Private Bag X3	KLEINMOND	7195
P 459	Sappi Black Liquor Hazardous Waste Lagoon	H:H	25/01/2002	Sappi Fine Papers Enstra Mill	P. O. Box 3246	SPRINGS	1560
P 460	Kwadukuza	G:L:B+	12/02/2002	Kwadukuza Transitional Local Council	P. O. Box 72	KWADUKUZA	4450
P 461	Platkop	G:L:B-	04/03/2002	Ekurhuleni Metropolitan Council	Private Bag X1069	GERMISTON	1400
P 462	Jessievale	G:C:B+	26/04/2002	Global Forest Products Limited	P. O. Box 47	WARBURTON	2333
P 463	Sappi Enstra Lime Dams	G:S:B+	04/06/2002	Sappi Fine Papers Enstra Mill	P. O. Box 3246	SPRINGS	1560
P 464	Compass waste medical waste processing facility	H:H	10/05/2002	Compass Waste Services cc	P. O. Box 1690	WESTVILLE	3630
P 465	Heidelberg Road Transfer Station	G:M:B-	04/06/2002	Alberton Transitional Local Council	P. O. Box 4	ALBERTON	1450
P 466	Aloes temporary leachate storage lagoon	H:H	31/05/2002	Enviroserve Waste Management (Pty) Ltd	P. O. Box 9028	ESTADEAL, PORT ELIZABETH	6012
P 467	Babanango	G:C:B+	07/06/2002	KwaZulu Natal Provincial Administration	P. O. Box 02	ULUNDI	3838
P 468	Pomeroy	G:S:B-	07/06/2002	KwaZulu Natal Townships Board	P. O. Box 2854	PIETERMARITZBURG	3200
P 469	Frischgewaagd	G:C:B+	10/06/2002	Dept. of Local Government and Housing	Private Bag X9078	PIETERMARITZBURG	3200
P 470	De Nim Textiles: Hammersdale	H:H	10/06/2002	De Nim Textile (Pty) Ltd	P. O. Box 36 P. O. Box 10	KLOOF HAMMERSDALE	3640 3700
P 471	Nqutu	G:S:B-	20/06/2002	KwaZulu Natal Townships Board	P. O. Box 2854	PIETERMARITZBURG	3200
P 472	Grabouw Waste Transfer Station	G:S:B+	03/07/2002	Theewaterskloof Municipality	P. O. Box 32	GRABOUW	7160
P 473	Buffelsdraai	G:L:B+	16/07/2002	Durban Metropolitan Council	P. O. Box 1038	DURBAN	4000
P 474	Killarney Gardens Medical Waste Processing Plant	H:H	08/07/2002	Evertrade Medical Waste (Pty) Ltd	P. O. Box 2399	RANDBURG	2125
P 475	City Deep Medical Waste Treatment Plant	H:H	26/07/2002	Evertrade Medical Waste (Pty) Ltd	P. O. Box 2399	RANDBURG	2125
P 476	Iscor N5 Slag Dump	H:H	23/01/2003	Iscor Long Steel (Pty) Ltd	P. O. Box 2	NEWCASTLE	2940
P 477	Iscor GSB Dump	H:H	23/01/2003	Iscor Long Steel (Pty) Ltd	P. O. Box 2	NEWCASTLE	2940
P 478	Bloemfontein Noordstort	G:M:B-	14/03/2003	Mangaung Local Municipality	P. O. Box 3704	BLOEMFONTEIN	9300
P 479	Prieska	G:C:B-	14/04/2003	Siyathemba Municipality	P. O. Box 16	PRIESKA	8940
P 480	Impala Platinum Quarry	G:S:B-	29/04/2003	Impala Platinum Limited	P. O. Box 1050	RUSTENBURG	0300
P 481	Hartebeeskop	G:M:B-	05/08/2003	Potchefstroom City Council	P. O. Box 113	POTCHEFSTROOM	2520
P 482	MMC Kingstonsvale	H:H	25/06/2003	Manganese Metal Company	P. O. Box 323	NELSPRUIT	1200
P 483	Mossop Western Leathers Evaporation Ponds	H:h	25/06/2003	Mossop Western Leather	P. O. Box 501	WELLINGTON	7655
P 484	Iscor Long Steel Newcastle Works	H:H	17/12/2003	Iscor Newcastle	P. O. Box 2	NEWCASTLE	2940
P 485	Mhlathuze	G:M:B+	01/07/2003	Transitional Council of Richards Bay	Private Bag X1004	RICHARDS BAY	3900

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 486	Arrowfield properties health care processing facility	H:H	24/07/2003	Waste Services: Division of Wasteman (Pty) Ltd	P. O. Box 32308	MOBENI	4060
P 487	Athlone Waste Transfer Station	G:L:B-	'04/07/2003	City of Cape Town	P. O. Box 16548	VLAEBERG	8018
P 488	Envirowaste recycling centre	G:M:B-	'05/08/2003	Enviro Waste	P. O. Box 3291	NORTH RIDING	2162
P 489	Garankuwa	G:M:B-	'05/08/2003	Tshwane Metropolitan Municipality	P. O. Box 1409	PRETORIA	0001
P 490	Bellville South	G:L:B+	03/10/2003	City of Cape Town	P. O. Box 16548	VLAEBERG	8018
P 491	Panfontein sludge disposal site	H:h	07/11/2003	Rand Water	P. O. Box 1127	JOHANNESBURG	2000

Permit Number	Waste Disposal Site	Classification	Date Issued	Permit Holder	Address 1	Address 2	Code
P 492	Eskom Grootvlei Asbestos	H:h	26/11/2003	Eskom Grootvlei Power Station	Private Bag X	GROOTVLEI	2420
P 493	Potchefstroom	G:S:B-	17/12/2003	Potchefstroom City Council	P. O. Box 113	POTCHEFSTROOM	2520
P 494	Thohoyandou	G:S:B+	18/02/2004	Thulamela Municipality	Private Bag X5066	THOHOYANDOU	0950
P 495	Anglogold: West Industrial Site	G:C:B+	24/03/2004	Anglogold Limited	P. O. Box 8044	WESTERN LEVELS	2501
P 496	Wolseley	G:S:B+	30/04/2004	Witzenberg Municipality	P. O. Box 44	CERES	6835
P 497	Ducats	G:S:B+	28/04/2004	Buffalo City Municipality	P. O. Box 984	EAST LONDON	5200
P 498	Mafikeng	G:M:B-	?	City Council of Mafikeng	Private Bag X63	MMBATHO	2735
P 499	Thermopower Waste Treatment Facility	H:H	13/08/2004	Thermopower Process Technology (Pty) Ltd	P. O. Box 333	OLIFANTSFONTEIN	1665
P 500	King William's Town	G:M:B-	?	Buffalo City Municipality	P. O. Box 984	EAST LONDON	5200
P 501	Tzaneen	G:M:B-	11/11/2004	Greater Tzaneen Municipality	P. O. Box 24	TZANEEN	0850
P 502	Luipaardsvlei	G:M:B-	26/11/2004	Mogale City Local Municipality	P. O. Box 94	KRUGERSDORP	1740
P 503	Eskom Komati asbestos site	H:h	11/01/2005	Eskom Komati Power Station	Private Bag	BLINKPAN	2250
P 504	Maclear	G:S:B+	09/02/2005	Elundini Municipality - Maclear Unit	P. O. Box 1	MACLEAR	5480
P 505	Mount Edgecombe Refuse Transfer Station	G:S:B-	30/09/2005	Ethekwini Municipality: Cleansing and Solid Waste	P. O. Box 1038	DURBAN	4000
P 506	Assmang Manganese Cato Ridge	H:H	23/11/2005	Assmang Manganese Cato Ridge Works	Eddie Hagan Drive	CATO RIDGE	3680
P 507	Noodesburg Mill: Ash site	G:S:B+		Illovo Sugar Mill: Noodesburg Mill	Private Bag 501	DALTON	3236
P 508	Stutterheim	G:S:B+	30/09/2005				
P 509	Kwanobuhle	H:h	30/09/2005	Nelson Mandela Metropolitan Municipality	P. O. Box 45	UITENHAGE	6230
P 510	Pholo-Ntse medical waste incinerator	H:H	30/09/2005	Pholo-Ntse Medical Waste Management	P. O. Box 4790	MMABATHO	2735
P 511	Clinical medical waste incinerator: Crown City, Johannesburg	H:H	-	Waste Clearance (Pty) Ltd. Trading as Clinical Waste Management	P. O. Box 1176	CROWN MINES	2025
P 512	Rooikraal	G:L:B-	30/06/2005	Ekurhuleni Metropolitan Municipality	P. O. Box 215	BOKSBURG	1460
P 513	Nigel Waste Transfer Station	G:S:B-	08/11/2005	Ekurhuleni Metropolitan Municipality	P. O. Box 215	BOKSBURG	1460
P 514	Klerksdorp Regional Waste Disposal Facility	G:L:B-	18/11/2005	Southern District Municipality	Private Bag X5017	KLERKSDORP	2570

KEYS:

G:	General Waste
C:	Communal Landfill
S:	Small Landfill
M:	Medium Landfill
L:	Large Landfill
B+	Significant Leachate Produced
B-	No Significant Leachate Produced
H:	Hazardous Waste
H:H:	Hazardous Waste with Hazard Ratings I - IV
H:h:	Hazardous Waste with Hazard Ratings III - IV

SOURCE:

DEPARTMENT OF WATER AFFAIRS AND FORESTRY, DIRECTORATE: RESOURCE PROTECTION AND WASTE, DATABASE OF AUTHORISED DISPOSAL SITES

LIST OF EXEMPTIONS

NAME AND NUMBER	DATE OF ISSUE	EXPIARY /REVIEW DATE
SAPS VEHICLE PARKING YARD 16/2/7/U602/Y1/E1	24 NOVEMBER 1998	
FERROMETALS (MPUMALANGA) FLUORENCERT LIGHT TUBE STORAGE 16/2/7/B100/B45/E2	17 MAY 2000	
CLAYTILE W CAPE CONVERT NAMPAK PULP INTO BRICKS 16/1/1/2/4/8/E3		
WRIGHTWAY ENVIRONMENTAL (KZN) CONVERTION OF MONDI ASH INTO BRICKS 16/2/7/U100/D1/Z1/E4		
HILLENDALE MINE (ISCOR NEW CASTLE) DISPOSAL OF THREE WASTE STREAM INTO THE MINED AREA. WASTE PRODUCTION OCCURS OUTSIDE THE MINE. 16/2/7/W122/B7/E5	8 JUNE 2001	NONE
WRIGHTWAY ENVIRONMENTAL (PTY) LTD DURBAN TEMPORARY STORAGE AND RE- USE OF MONDI ASH 16/2/7/U100/D1/Z1/E5	20 SEPTEMBER 2000	NONE
ESKOM APPOLLO SUBSTATION(MPUMALANGA) TEMPORARY STORAGE OF PCB's CANS 16/1/1/2/4/8/E6	21 DECEMBER 2001	MARCH 2003
CALLIOPE TRADE (PTY) LTD TRADING AS THREE WILLOWS (RBM) 16/2/7W122/B9?E7	21 DECEMBER 2001	AFTER THE PRESENT STOCKPILE
PPC CEMENT PORT ELIZABETH FOR STORAGE OF OIL CONTAMINATED WITH PCB's 16/2/7/M200/B13/E8	16 APRIL 2002	
FFS REFINERIES DURBAN BRANCH FOR STORAGE OF OILY WASTE 16/2/7/U203/B1/E9	16 APRIL 2002	
SASOL MINING PTY (LTD) FOR STORAGE AND DISPOSAL OF FLUORESCENT TUBES 16/2/7/C121/C148/E10	6 MAY 2002	EVERY TEN YEARS
ROSE FOUNDATION (BRACKENFELL DEPOT) STORAGE AND TREATMENT OF USED OIL 16/2/7/G200/A/Y1/E11	4 JUNE 2002	EVERY FIVE YEARS
ROSE FOUNDATION (PROSPECTON DURBAN) STORAGE AND TREATMENT OF USED OIL 16/2/7/U602/B54/E12	7 JUNE 2002	EVERY FIVE YEARS

LIST OF EXEMPTIONS

NAME AND NUMBER	DATE OF ISSUE	EXPIARY /REVIEW DATE
ROSE FOUNDATION (CHAMDOR DEPOT - GAUTENG) STORAGE AND TREATMENT OF USED OIL 16/2/7/C231/Y1/E13	4 JUNE 2002	EVERY FIVE YEARS
FFS REFINERS (PTY) LTD: CHLOORKOP STORAGE AND TREATMENT OF USED OIL 16/2/7/A210A5/Y1/E14	19 JUNE 2002	EVERY FIVE YEARS
FFS REFINERS (PTY) LTD: PIETERMARITZBURG STORAGE AND TREATMENT OF USED OIL 16/2/7/U203/E15	13 SEPTEMBER 2002	EVERY FIVE YEARS
SOUTH AFRICAN BREWERIES LTD POLOKWANE TEMPORARY STORAGE OF WASTE CHEMICALS 16/2/7/A700/B86/E16	10 OCTOBER 2002	EVERY 5 YEARS
SAPPI FOREST (PTY) LTD STORAGE OF OLD OIL AT SAPPI PLANTATIONS IN KZN 16/2/7/U203/D2/X1/E17	13 SEPTEMBER 2002	EVERY 5 YEARS
MR. A. YORK STORAGE OF HAZARDOUS AND FLAMABLE CHEMICALS FROM JOLLY RUBINO SHIP WRECK 16/2/7/W122/B6/E18	30 SEPTEMBER 2002	NOT APPLICABLE
SIYATHEMBA MUNICIPALITY DISPOSAL OF ASBESTOS CEMENT ROOF SHEETS 16/2/7/D720/D1/Z1/E19	30 SEPTEMBER 2002	NOT APPLICABLE
SIYATHEMBA MUNICIPALITY DISPOSAL OF ASBESTOS WASTE IN MINE SHAFT 16/2/7/D720/D1/Y1/E20	21 OCTOBER 2002	EVERY 5 YEARS
DE BEERS RSA GEOLOGICAL SERVICES DIVISION HAZARDOUS WASTE STORAGE 16/2/7/C901/C1/Y1/E21	26 NOVEMBER 2002	EVERY 5 YEARS
EXOL OIL REFINERY (PTY) LTD STORAGE AND TREATMENT OF USED OIL 16/2/7/A210/Y2/E22	13 DECEMBER 2002	EVERY 5 YEARS
ROSE FOUNDATION (PORT ELIZABETH) STORAGE OF LUBRICATING OIL 16/2/7/M100/B43/E23	20 DECEMBER 2002	EVERY 5 YEARS
CHAMOTTE HOLDINGS: STRATHMORE MINE STORAGE AND CONVERSION OF CITRUS PEELS INTO COMPOST 16/2/7/X205/C59/Y1/E24	29 APRIL 2003	EVERY 5 YEARS
PHALABORWA MINING COMPANY STORAGE OF CHEMICALS AND USED OIL 16/2/7/B700/C6/E25	15 MAY 2003	NOT APPLICABLE

LIST OF EXEMPTIONS

NAME AND NUMBER	DATE OF ISSUE	EXPIARY /REVIEW DATE
DE BEERS RSA GEOLOGICAL SERVICES DIVISION BIOREMEDIATION FACILITY 116/2/7/C910/C1/Y2/E26	5 AUGUSTUS 2003	EVERY 5 YEARS
SAMANCOR METTALOYS STORAGE OF WASTE AS RAW MATERIAL FOR PELLETISING PLANT AND STORAGE OF PELLET PRODUCT IN BUNKERS 16/2/7/C221/B13/Y1/E27	10 JULY 2003	EVERY 5 YEARS
DE BEERS KOFFIEFONTEIN MINES HAZARDOUS WASTE STORAGE 16/2/7/C514/C1/Y1/E28	10 NOVEMBER 2003	EVERY 5 YEARS
AT ENVIRONMENTAL WASTE SOLUTIONS (PTY) LTD STORAGE OF METALS AND PLASTIC DRUMS 16/2/7/U602/B58/Z1/E29	26 NOVEMBER 2003	NOT APPLICABLE
DELTA MOTOR CORPORATION STORAGE OF PHOSPHATE SLUDGE, LIME SLUDGE, PAINT SLUDGE AND USED OIL 16/2/7/M200/B12/Y1/E30	17 DESEMBER 2003	NOT APPLICABLE
OIL SEPERATION SOLUTIONS STORAGE TREATMENT AND BIOREMEDIATION OF USED OIL AND OIL CONTAMINATED MATERIAL 16/2/7/C221/Y7/E31	14 JANUARY 2004	EVERY 5 YEARS
ASSMANG MANAGANESE LTD CATO RIDGE STORAGE OF MANGANESE SLAG FOR USE AS AN AGGREGATE REPLACEMENT IN MANUFACTURING CONCRETE, CEMENT PRODUCTS AND ROADWORKS E32	19 DECEMBER 2003	EVERY 5 YEARS
DE BEERS CONSOLIDATED MINES LIMITED, FINSCH MINE BIOREMEDIATION FACILITY 16/2/7/D410/Z2/E33	5 APRIL 2004	EVERY 5 YEARS
CORNING PRODUCTS SOUTH AFRICA TEMPORARY STORAGE OF MERCURY WASTE 16/2/7/M100/B49/Y1/E34	9 JULY 2004	REVIEW AFTER 2 YEARS
FFS REFINERS (PTY) LTD FUEL OIL STORAGE AND BLENDING 16/2/7/M100/B50/Y1/E35	21 DECEMBER 2004	EVERY 2 YEARS
FFS REFINERS (PTY) LTD STORAGE OF USED OIL 16/2/7/M100/B50/Y1/E36	3 MAY 2005	EVERY 5 YEARS
EAGLE OTTOWA, LLC STORAGE OF FLUORESCENT TUBES 16/2/7/A210/B153/E37	10 DECEMBER 2004	EVERY 5 YEARS

LIST OF EXEMPTIONS

NAME AND NUMBER	DATE OF ISSUE	EXPIARY /REVIEW DATE
FFS REFINERS (PTY) LTD STORAGE OF USED OIL 16/2/7/W122/B24/E38	? (Molefe)	EVERY 2 YEARS
ARBAC SERVICES STORAGE STORAGE AND RECOVERY TREATMENT OF HYDROCARBON SLUDGES 16/2/7/U601/D3/Z1/E39	?	EVERY 5 YEARS
ANTI-WASTE DRUM RE- CONDITIONERS STORAGE AND RECONDITIONING OF METAL DRUMS 16/2/7/M100/B43/Z1/E40	23 NOVEMBER 2005	EVERY 5 YEARS
DAIMLER CHRYSLER SA WASTE STORAGE AND PROCESSING FACILITY 16/2/7/R202/B12/E41	?	EVERY 5 YEARS
DUFERIO STEEL PROCESSING (PTY) LTD TEMPORARY WASTE STORAGE 16/2/7/G105/B2/Y2/E42	?	EVERY 5 YEARS
DELTA STORAGE AND TREATMENT OF INERT RESIDUE 16/2/7/X200/B42/E43	28 DECEMBER 2005	EVERY 5 YEARS

SOURCE: DEPARTMENT OF WATER AFFAIRS AND FORESTRY, DIRECTORATE: RESOURCE PROTECTION AND WASTE, DATA BASE OF ISSUED DISPOSAL SITE AUTHORISATIONS

LIST OF SITES CONTROLLED THROUGH DIRECTIONS

FREE STATE	
Name of Site	Class of Site
Aliwal North	G:S:B
Lady Grey	G:C:B
Bethulie	G:C:B-
Molteno	G:C:B-
Stilfontein Midvaal Water Company	G:C:B-
Jamestown	G:C:B-
Koffiefontein	G:C:B-
Dealsville	G:C:B-
Oppermansgronde	G:C:B-
Van Rooyens Hek	G:C:B-
De Beers Koffiefontein	G:C:B-

LIMPOPO	
Name of Site	Class of Site
Letaba	G:C:B-
Lower Sabie	G:C:B-
Berg en Dal	G:C:B-
Pretoriuskop	G:C:B-
Punda Maria	G:C:B-
Mopani	G:C:B-
Orpen	G:C:B-
Satara	G:C:B-
Olifants	G:C:B-
Shingwedzi	G:S:B-
Skukuza	G:S:B-
Ba-Phalaborwa	G:S:B-

NORTH WEST	
Name of Site	Class of Site
Western Platinum Karee Mine (Middelkraal)	G:S:B-
Rustenburg Minerals Chrome Mine	G:C:B-

WESTERN CAPE	
Name of Site	Class of Site
Struisbaai	G:S:B-
Namakwa Sands MSP	G:C:B-
De Punt	G:C:B-
Schaap Vley Hills	G:C:B-
Rawsonville	G:C:B+
Betty's Bay Drop-off centre	G:C:B+
Struisbaai	G:S:B-
Arniston	G:S:B-
L' Agulhas	G:S:B-
Killarney (garden drop off)	G:C:B+
Kommetjie	G:C:B+
Lambertsbaai garden refuse transfer station	G:C:B-

WESTERN CAPE	
Wetton (garden refuse drop-off)	G:C:B+
George Refuse Transfer Station	G:S:B-
Touws River Transfer Station	G:S:B-

NORTHERN CAPE	
Name of Site	Class of Site
Kanoneiland "ou" stortingsterrein	G:C:B-
Finch Mine	G:C:B-

KWAZULU-NATAL	
Name of Site	Class of Site
Richmond	G:C:B+

EASTERN CAPE	
Name of Site	Class of Site
Joubertina	G:C:B-
Louterwater	G:C:B+
Hamburg transfer station	G:C:B+
Sterkstroom	G:C:B-
Bluelilliesbush	G:C:B-
Lottering	G:C:B-
Qumbu	G:C:B+
Umzimkhulu	G:C:B-
Mt Fletcher	G:C:B-
Christmas Rock	G:C:B+
Engcobo	G:C:B-
Riegerton Farms Garden Refuse site	G:C:B-
Lukhanji	G:S:B-
Seavale	G:C:B+
Peddie waste disposal site	G:C:B-
Cala	G:C:B-
Mzam'omgle Composting Transfer Station (28/04/2005)	G:C:B+
Riebeek East Waste Disposal Site (28/04/2005)	G:C:B-
Alicedale Waste Disposal Site (28/04/2005)	G:C:B-

GAUTENG	
Name of Site	Class of Site
Temba	G:S:B-
Morgenzon Landfill	G:C:B-

MPUMALANGA	
Name of Site	Class of Site
Waterval Boven	G:C:B-
Kwagga Plaza	G:S:B-
Libangeni	G:S:B-
Palabora Mining Company (closure)	G:S:B-
Palabora Mining Company (new site)	G:S:B-
York Lumber	G:C:B-
Greens Waste	G:C:B-
Hendrina Power station transfer station	G:C:B-
Barvale	G:C:B-
SAFCOL	G:C:B-
Sappi Forest	G:C:B-

Currently 74 disposal sites are being controlled through these Directions.

SOURCE: DEPARTMENT OF WATER AFFAIRS AND FORESTRY, DIRECTORATE: RESOURCE PROTECTION AND WASTE, DATA BASE OF ISSUED DISPOSAL SITE AUTHORISATIONS

APPENDIX B

Abbreviated Disposal Site Authorisation Procedure

ABBREVIATED PROCEDURES TO BE FOLLOWED FOR AUTHORISATION OF A DISPOSAL SITE

The following procedures are prescribed for the various activities associated with the legal establishment and operation of a disposal site.

It should be noted that there are two processes, which run concurrently, i.e. the permitting process and the EIA process.

- ◆ Appoint a competent person with a proven track record, who is familiar with the various relevant legislation, especially the Minimum Requirements Trilogy of Documents (published by DWAF in 1998) and the EIA process
- ◆ The first step will be to classify the disposal site as per the Minimum Requirements in terms of the types of waste to be disposed off, the size of the disposal site and the water balance
- ◆ The project will then be registered at DWAF and DEAT and the public participation process can commence informing the public of the proposed activity
- ◆ A Plan of Study for Scoping will be submitted to DEAT explaining the proposed activity
- ◆ In the case of new/proposed disposal sites, candidate sites will be identified and ranked, and a Candidate Site Report will be prepared and discussed at a public meeting. Based on the comment of the public, the report will be finalised and submitted to DEAT
- ◆ If it is an existing disposal site the feasibility of future use of the disposal site has to be determined, and a feasibility report submitted to DEAT and DWAF
- ◆ If approved, a preliminary geological and geohydrological investigation of the proposed site will commence a feasibility investigation
- ◆ The report will be submitted to DEAT and DWAF and discussed with the public. Should the site not be feasible, the second ranked site will be investigated
- ◆ If the site is feasible a more detailed investigation will commence depending on the classification of the site

- ◆ Should the detailed investigation prove that the site is suitable for the development of a disposal site, a Scoping Report will be submitted to DEAT for approval
- ◆ Once the Scoping Report is approved, a permit application will be submitted to DEAT for approval. This will include all the previous findings and will address all the issues in the Minimum Requirements such as classification, health aspects, conceptual designs, operating and maintenance plan, rehabilitation, closure/end-use plan and airspace calculation. Once the permit has been approved, depending on the site classification, a detail design should be approved by DEAT.
- ◆ The issuing of a waste disposal site permit is subject to the concurrence of the Minister of DWAF; and the inclusion therein of the conditions contained in a Record of Decision issued by the Minister of DWAF regarding any measures that he considers necessary to protect a water resource as defined in the National Water Act, 1998.
- ◆ After a permit has been issued by DEAT, the project can then go out on tender for construction, which may commence when the conditions of the permit have been met. Construction and installation of infrastructure should all comply with the conditions of the permit and the prescriptions of the Minimum Requirements
- ◆ A final inspection by DEAT and DWAF is required before disposal can commence

The level of investigation varies, depending on the site classification. Note that site classification is dealt with in detail in Section 3 of the Minimum Requirements.

APPENDIX C

Questionnaire sent to Local Authorities in South Africa



environment & tourism

Department:
Environmental Affairs and Tourism
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001- Fedsure Building, 315 Pretorius Street, Pretoria, 0002. Tel: (+27 12) 310 3911 Fax: (+27 12) 322 2682

Tel: (012) 310-3668 **Enquiries:** Zini Manana
Fax: (012) 310-3753 **Email:** zmanana@deat.gov.za
www.deat.gov.za

The Municipal Manager

Dear Sir/ Madam

STRATEGIC APPROACH TO ADDRESSING THE WASTE DISPOSAL SITES PERMITTING BACKLOG IN SOUTH AFRICA

The Department of Environmental Affairs and Tourism has embarked on a process to identify and preliminary assess all unauthorised disposal sites (that need to be authorised) to a degree that is sufficient to make a decision on whether they should proceed to authorisation for either closure or continued operation, in terms of section 20 of the Environment Conservation Amendment Act, 2003.

The Department is therefore compiling an updated census report of all unauthorised disposal sites in South Africa to develop an authorisation strategy towards ensuring the authorisation of these sites. The Department has appointed Kwezi V3 Engineers (KV3) to assist with the project. By completing the attached questionnaire, DEAT will have a database of unauthorised sites that need to be authorised (with registered owners) and as part of the strategy will investigate mechanisms to assist these owners to authorise the sites.

Please request your official responsible for waste management in the Municipality to complete the attached questionnaire (one questionnaire for each unauthorised site) and submit it to KV3 before **5 September 2007** at the address indicated below:

Kwezi V3 Engineers
P.O. Box 36155
MENLO PARK
0102
For attention: Mr. Gerrie le Roux

If you have any enquiries regarding the completion of the questionnaire, please do not hesitate to contact Mr Gerrie le Roux at telephone number (012) 425 6300 or 082 884 9200.

Your co-operation in this regard will be appreciated.

Yours sincerely

Ms Pam Yako
Director-General
Department of Environmental Affairs and Tourism
Letter signed by: Ms Zini Manana
Designation: Deputy Director
Date: 8/08/07

Questionnaire

*** To be completed for each unauthorised waste disposal site in the Local Municipal area**

(*) Indicate with an X													
SECTION A													
1.	Name of unauthorised disposal site:												
2.	Type of unauthorised disposal site (*):												
	Landfill <input type="checkbox"/>				Transfer station <input type="checkbox"/>				Medical waste treatment plant <input type="checkbox"/>				
	Treatment plant <input type="checkbox"/>				Re-use/Recycling/Recovery plant <input type="checkbox"/>								
3.	a)	Status of unauthorised disposal site (*):											
		Operational <input type="checkbox"/>			Closed <input type="checkbox"/>			Closed before 24 August 1990 <input type="checkbox"/>					
4.	Registered owner(s) of property on which unauthorised disposal site is situated:												
	Name:												
	Postal Address:						Telephone Code & No:						
							Fax Code & No:						
	Postal Code:												
5	Location of property on which existing unauthorised disposal site is situated:												
	Latitude: ° ‘ “ Longitude: ° ‘ “												
	Description of location of unauthorised disposal site (only if above co-ordinates are not available)												
	Extent of disposal site:						Hectares						

Questionnaire: identification of unauthorised disposal sites in South Africa

6	Local Authority in whose jurisdiction the unauthorised disposal site is situated			
	Name:			
	Postal Address:		Telephone Code & No:	
			Fax Code & No:	
		Postal Code:		

SECTION B

8	Indicate which of the following apply to the unauthorised disposal site (*):		YES	NO
	a)	Within a 3,000 m radius of the end of an airport landing strip	<input type="checkbox"/>	<input type="checkbox"/>
	b)	Within the 1:50 year floodline of any watercourse	<input type="checkbox"/>	<input type="checkbox"/>
	c)	Within an unstable area (fault zone, seismic zone, dolomitic area, sinkholes)	<input type="checkbox"/>	<input type="checkbox"/>
	d)	Within the drainage area or within 5 km of a water source	<input type="checkbox"/>	<input type="checkbox"/>
	e)	Within an area with a shallow and/or visible water table	<input type="checkbox"/>	<input type="checkbox"/>
	f)	Within an area adjacent to or above an aquifer	<input type="checkbox"/>	<input type="checkbox"/>
	g)	Within an area with shallow bedrock and limited available cover material	<input type="checkbox"/>	<input type="checkbox"/>
	h)	Within 100 m of a source of surface water	<input type="checkbox"/>	<input type="checkbox"/>
	i)	Within 1 km from a wetland	<input type="checkbox"/>	<input type="checkbox"/>
	j)	Indicate the distance to the boundary of the nearest residential area:		Metres
	k)	Indicate the distance to the boundary of the nearest industrial area:		Metres
	l)	Indicate the distance from the unauthorised waste disposal site to the nearest present or expected future borehole, which is in use:		Metres
	m)	If a borehole (s) such as that mentioned in (l) exist (s). describe the use of this water:		
9	Indicate the size of the population to be served by the disposal site (*):			
		0 – 499	<input type="checkbox"/>	
		500 – 9 999	<input type="checkbox"/>	
		10 000 – 199 999	<input type="checkbox"/>	
		200 000 – upwards	<input type="checkbox"/>	

Questionnaire: identification of unauthorised disposal sites in South Africa

10	a)	Indicate the expected lifetime of the unauthorised disposal site, if operational:		Years
	b)	Indicate whether the unauthorised site should be closed/phased out to be replaced by a regional site (*):	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	c)	Indicate the appropriate type of waste and list the estimated quantities expected to be disposed of daily:		
		<ul style="list-style-type: none"> • General (Non-Hazardous) Waste 		
		TYPE OF WASTE		QUANTITY (ton per day)
		General (Non-hazardous) refuse i.e. household refuse, garden waste, builders rubble	TOTAL	
		Hazardous waste i.e. flammable solids, flammable liquids, oxidising agents, medical waste	TOTAL	
11	a)	Indicate the method of disposal of waste (*):		
		Land Filling <input type="checkbox"/>	Land Building <input type="checkbox"/>	Both <input type="checkbox"/>
				YES NO
12	a)	Is the waste covered daily? (*):		
				<input type="checkbox"/> <input type="checkbox"/>
	b)	Is sufficient cover material available? (*):		
				<input type="checkbox"/> <input type="checkbox"/>
	c)	Is waste compacted daily? (*):		
				<input type="checkbox"/> <input type="checkbox"/>
	d)	Is waste burned after disposal? (*)		
				<input type="checkbox"/> <input type="checkbox"/>
	e)	If the answers on paragraph 12(a) and/or 12(b) are NO and the answer on 12 (d) is Yes , what measures are employed to prevent the problem of burning or smouldering of waste and the generation of nuisances?		
13		Any relevant information regarding the unauthorised disposal site worth mentioning:		
14	(a)	Are you aware of any major industry with an unauthorised waste disposal site in your area of jurisdiction?		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		
	(b)	Name of industry:	Industry contact telephone number:	
		Name of Person who completed questionnaire:	Signature of Person who completed questionnaire:	
		Capacity:		
		Contact cell number:		
		Place:	Date:	

APPENDIX D

Information Sheet Summary of Unauthorised Disposal Sites in South Africa

EASTERN CAPE

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Type of disposal site	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established	
Amatole District Municipality	Amatole DMA	Gathcart	-32	16	59	27	8	45	Landfill	Operational	None	No	G: M: B+	10 years	Landfilling	No	Yes	No	To be authorised for continued operation		
		Eastern Regional waste site	-32	18	15	28	13	60	Landfill	Operational	None	No	G: S: B-	20 years	Landfilling and Landbuilding	Yes	No	No	To be authorised for continued operation		
	Great Kei	Chintsa East	-32	49	10	28	6	34	Landfill	Operational	Yes, within 100m of a source of surface water, 1km from a wetland	To be closed	G: C: B-	2 years	Landfilling	No	No	No	To be authorised for closure, new replacement site still to be identified		
		Komga Solid Kei Mouth (garden refuse)	-32	33	56	27	53	24	Landfill	Operational	Yes, within 100m of a source of surface water, 1km from a wetland	To be closed	G: C: B-	3 years	Landfilling	No	No	No	To be authorised for closure, new replacement site still to be identified		
		Kei Mouth	-32	41	24	28	22	10	Landfill	Operational	None	No	G: C: B-	5 years	Landfilling	No	No	No	Should be authorised for continued operation		
		Kei Mouth	-32	41	18	28	22	3	Landfill	Operational	None	No	G: C: B-	5 years	Landfilling	No	No	No	Should be authorised for continued operation		
		Morgan Bay	-32	42	2	28	19	36	Landfill	Closed	None	Yes	G: C: B-	0	Landfilling	No	No	No	To be authorised for closure, landfill already closed, waste taken to replacement site		
		Haga Haga	-32	45	20	28	15	10	Landfill	Operational	None	Yes	G: C: B-	2 years	Landfilling	No	No	No	To be authorised for closure, new replacement site still to be identified		
	Buffulo City Municipality	Second creek	-33	1	15	27	53	18	Transfer station, Landfill	Operational	Yes, close to residential area	Yes	G: M: B-	2 years	Landfilling	Yes	No	No	Landfill to be authorised for closure, waste from transfer station to be transferred to permitted regional landfill site		
		West Bank	-33	2	2	27	54	19	Transfer station	Operational	None	No	G: C: B-	5 years	Landfilling	Yes	No	No	To be authorised for continued operation		
		Stone Drift	-32	59	43	27	52	60	Transfer station	Operational	None	No	G: C: B-	5 years	Landfilling	Yes	No	No	To be authorised for continued operation		
	Mbashe	Idutywa	-32	6	42	28	17	45	Landfill	Operational	Yes, within the 1:50 year floodline and within drainage area of water resource	Yes	G: C: B-	1 year	Landfilling	No	Yes	No	To be authorised for closure		
		Willowvale	-32	15	31	28	30	13	Landfill	Operational	Yes, within the 1:50 year floodline, within drainage area of water resource, within area with shallow bedrock and limited available cover material	Yes	G: C: B-	1 year	Landfilling	No	Yes	No	To be authorised for closure	Centralised Regional site still to be identified with transfer infrastructure (to be established at closed sites) in various towns	
		Elliotdale	-31	58	1	28	41	10	Landfill	Operational	Yes, within 100 metre of a source of surface water, within 1 km from wetland, unstable area	Yes	G: C: B-	0	Landfilling	No	Yes	No	To be authorised for closure		
	Mnquma	Ngamakwe	-31	34	24	29	20	35	Landfill	Operational	Yes, within 100m of a source of surface water	Yes	G: S: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
		Centane	-32	30	34	28	19	8	Landfill	Operational	Yes, within 100m of a source of surface water	Yes	G: S: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
		Butterworth	-32	20	5	28	8	41	Landfill	Operational	Yes, within the 1:50 year floodline and within drainage area of water resource	Yes	G: S: B-	3 years	Landfilling and Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
	Nkonkobe	Fort Beaufort Transfer Station	-32	46	32	26	38	37	Transfer Station	Proposed	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	To be authorised for establishment and operation		
	Amahlati	No unauthorised sites																			
	Ngqushwa	No unauthorised sites																			
	Nxuba																			To be authorised for closure, applied for funding for transfer station and recycling depot to be established. Waste to be transferred to permitted Bedford site	
		Adelaide	-32	42	38	26	17	37	Landfill	Operational	Yes, within 100m of a source of surface water	Yes	G: C: B-	3 years	Land filling	No	Yes	No			
	Baviaans	Willowmore	-33	16	13	23	29	50	Landfill	Operational	None	No	G: S: B+	10 years	Landfilling and Landbuilding	No	Yes	No	To be authorised for continued operation		
Steytlerville		-33	18	56	24	20	53	Landfill	Operational	Yes, within 100m of water resource	Yes	G: C: B+	3 years	Landfilling and Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified			
Cacadu	Ikwezi	No unauthorised sites																			
	Blue Crane Route	Cookhouse	-32	44	15	25	48	45	Landfill	Operational	None	No	G: C: B-	3 years	Trench method	No	Yes	No	To be authorised for continued operation		
		Pearston	-32	35	22	25	9	9	Landfill	Operational	None	No	G: C: B-	6 years	Trench method	Yes	No	No	To be authorised for continued operation		
	Camdeboo	Nieu-Bethesoa (Jakkalshoek)	-31	51	36	24	32	24	Landfill	Constructed	None	No	G: C: B-	10 years	Landfilling	Yes	No	No	To be authorised for continued operation		
		Nieu-Bethesoa	-31	52	1	24	32	37	Landfill	Operational	Yes, close to a water resource, within the 1:50 year floodline, close to a residential area	Yes	G: C: B-	2 years	Landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Type of disposal site	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Cacadu	Camdeboo	Munnik's Pass	-32	17	58	24	31	56	Landfill	Operational	Yes, within 5km of a water source	Yes	G: S: B-	2 years	Landfilling	No	No	No	To be authorised for closure, new replacement site still to be identified	
		Aberdeen	-32	29	30	24	3	0	Landfill	Operational	None	No	G: C: B-	30 years	Landfilling	No	No	No	To be authorised for continued operation	
		Nieu-Bethesoa	-31	51	57	24	33	22	Landfill	Closed before 24 August 1990	Yes, close to water resource	To be closed	G: C: B-	N/A	Landfilling	N/A	N/A	No	To be authorised for closure, closed before August 1990	
	Kou-Kamma	No unauthorised sites																		
	Kouga	St Francis Bay	-34	9	16	24	49	38	Landfill	Operational	Yes, close to water resource	Yes	G: C: B+	2 years	Land filling	No	Yes	No	To be authorised for closure, waste to be transferred to Humansdorp landfill	
		Patensie	-33	45	23	24	48	24	Landfill	Operational	Yes, close to water resource	Yes	G: C: B+	2 years	Land filling	No	Yes	No	To be authorised for closure, waste to be transferred to Humansdorp landfill	
		Papiesfontein	-33	58	45	24	57	44	Landfill	Closed	Yes, within 5km of a water source	Yes	G: S: B+	N/A	Land filling	N/A	N/A	No	To be authorised for closure, landfill already closed, waste taken to replacement site	
		Oyster Bay	-34	9	55	24	39	2	Landfill	Operational	Yes, close to water resource	Yes	G: C: B+	2 years	Land filling	No	Yes	No	To be authorised for closure, waste to be transferred to Humansdorp landfill	
		Humansdorp	-34	0	57	24	46	27	Landfill	Operational	None	No	G: M: B+	20 years	Land filling	No	Yes	No	Should be authorised for continued operation	
		Loerie	-33	52	26	25	0	58	Landfill	Operational	Yes, within 100m of a source of surface water, 1km from a wetland	Yes	G: C: B+	2 years	Land filling	No	Yes	No	To be authorised for closure, waste to be transferred to Humansdorp landfill	
	Makana	No unauthorised sites																		
	Ndlambe	Alexandria	-33	39	29	26	25	34	Landfill	Operational	None	No	G: C: B-	10 years	Land filling	No	Yes	None, do not have equipment for proper operation	To be authorised for continued operation	
		Bushmans River Mouth	-33	40	51	26	38	35	Landfill	Operational	None	No	G: C: B-	6 years	Trench method	No	From time to time	None, do not have equipment for proper operation	To be authorised for continued operation	
		Kenton-on-Sea	-33	40	28	26	40	34	Landfill, garden refuse	Operational	Yes, poor operation, close to residents	Yes, should be closed and rehabilitated	G: C: B-	1 year	Land filling	No	No	None	To be authorised for closure, waste to be taken to Bushmans River Mouth landfill	
		Bathurst	-33	29	23	26	49	47	Landfill	Operational	None	Should be closed, transfer station established	G: C: B-	20 years	Land filling	No	No	No equipment for proper operation	To be authorised for continued operation	
		Seafeld	-33	31	51	27	3	25	Transfer station	Operational	None	No	G: C: B-	N/A	Transfer station	N/A	N/A	No	To be authorised for continued operation	
		Boknes	-33	43	46	26	34	46	Transfer station	Operational	None	No	G: C: B-	N/A	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
Cannon Rocks		-33	44	50	26	32	52	Transfer station	Operational	Yes, close to residents	Yes should be closed and rehabilitated	G: C: B-	3 years	Transfer Station	N/A	N/A	No	To be authorised for closure, waste to be taken to Bushmans River Mouth landfill		
Sundays River Valley	Sunday's River Valley	-33	30	42	25	49	51	Landfill	Operational	Yes, within 100 metre of a source of surface water, within 1 km from wetland, unstable area	Yes	G: C: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
Chris Hani	Emalahleni	Dordrecht	-31	22	52	27	2	46	Landfill	Operational	None	No	G: C: B+	5-10 years	Landbuilding	No	Yes	No	To be authorised for continued operation	
		Indwe	-31	28	12	27	19	49	Landfill	Operational	None	No	G: C: B+	5 years	Landbuilding	No	Yes	No	To be authorised for continued operation	
		Lady Frere	-31	42	13	27	13	22	Landfill	Operational	Yes, close to water resource	To be closed	G: C: B+	2 years	Landbuilding	No	No	No	To be authorised for closure, new replacement site still to be identified	
	Engcobo	No unauthorised sites																		
	Inkwanca	No unauthorised sites																		
	Intsika Yethu	Cofimvaba	-32	0	6.0012	27	34	40.0008	Landfill	Operational	Yes, within 5km of a water source	Yes	G: C: B+	3 years	Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
		Tsomo	-32	2	13	27	49	5	Landfill	Operational	None	No	G: C: B+	4 years	Landbuilding	No	Yes	No	Should be authorised for continued operation	
	Inxuba Yethemba	Middelburg	-31	31	6	25	1	38	Landfill	Operational	None	No	G: C: B+	18 months	Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
		Craddock	-32	10	43	25	37	3	Landfill	Operational	Yes, drains to water resource 600m from site	Yes	G: C: B+	2 years	Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
	Lukhanji	Existing Queenstown	-31	53	17	26	53	36	Landfill	Operational	None	No	G: S: B+	6 months	Trench method	Yes	No	No	To be authorised for closure, new Queenstown landfill in process of being established	
Whittlesea		-32	9	36	26	49	29	Landfill	Operational	Yes, steep slopes, within 5km of a water source	To be closed	G: C: B+	0	Haphazard disposal, landfilling	No	Yes	No	To be authorised for closure	Establish transfer station	

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Type of disposal site	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established	
Chris Hani	Lukhanji	New Queenstown site	-31	53	40	26	51	59	Landfill	Under construction	None	No	G: S: B+	25 years	Trench method	Yes	No	N/A	To be authorised for establishment, operation		
		Tylden	-32	6	54	27	4	11	Landfill	Operational	Yes, within 100m of a source of surface water	To be closed	G: C: B+	3 years	Landfilling	No	No	No	To be authorised for closure, waste to be transferred to the new Qeeunstown site		
	Sakhisizwe	Cala	-31	31	18.0012	29	32	39	Landfill	Operational	None	No	G: C: B+	10-12 years	Trench method	No	Yes	No	To be authorised for continued operation		
		Elliot	-31	20	21.9984	27	51	11.9988	Landfill	Operational	Yes, close to water resource	Should be closed	G: C: B+	3 years	Landbuilding	No	Yes	No	To be authorised for closure	Transfer station to be established	
	Tsolwana	Takkastad	-32	0	31	26	15	47	Landfill, Treatment plant	Operational	Yes, close to airport	Shoul be closed	G: S: B-	4 years	Landfilling	No	Yes	No	To be authorised for continued operation		
Ukhahlamba	Elundini	Ugie	-31	8	45	28	15	47	Landfill	Closed	Yes, 1km from a wetland	closed	G: C: B-	N/A	N/A	N/A	N/A	No	To be authorised for closure, landfill already closed, waste taken to replacement site		
		Maclear (Old site)	-31	4	28	28	20	37	Landfill	Closed	Yes, 1km from a wetland	closed	G: C: B-	N/A	N/A	N/A	N/A	No	To be authorised for closure, landfill already closed, waste taken to replacement site		
	Gariep	Burgersdorp	-31	40	27	27	59	51	Landfill	Operational	Yes, within 100m of a source of surface water	No	G: C: B-	15- 20 years	Inceneration	No	Yes	Inceneration	To be authorised for continued operation		
		Burgersdorp (old site)	-31	0	9	26	20	12	Landfill	Closed	N/A	closed	G: C: B-	0	N/A	No	Yes	No	To be authorised for closure, landfill already closed, waste taken to replacement site		
		Venterstad	-30	47	44	25	48	46	Landfill	Operational	Yes, within 100m of a source of surface water	Yes	G: C: B-	2 years	Landfilling and Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
		Steynsburg	-31	17	22	25	49	13	Landfill	Closed	Yes, within 100m of a source of surface water	closed	G: C: B-	N/A	Landfilling and Landbuilding	N/A	N/A	No	To be authorised for closure, landfill already closed, waste taken to replacement site		
	Maletswai	Oviston	-30	41	48	25	46	47	Landfill	Closed	Yes, within 100m of a source of surface water, 1km from a wetland	closed	G: C: B-	N/A	Landfilling	N/A	N/A	No	To be authorised for closure, landfill already closed, waste taken to replacement site		
		Jamestown	-31	8	32	26	48	36	Landfill	Closed	N/A	N/A	G: C: B-	0	Landbuilding	N/A	N/A	No	To be authorised for closure, landfill already closed, waste taken to replacement site		
	Maletswai	No unauthorised sites																			
	Senqu	Sterkspruit	-30	30	48	27	21	20	Landfill	Operational	Yes, within 100m of a source of surface water	Should be closed	G: C: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure		
		Lady Grey (Old site)	-30	42	39	27	12	17	Landfill	Closed	N/A	closed	G: C: B-	0	Landfilling and Landbuilding	N/A	N/A	No	To be authorised for closure, establish transfer station		
		Barkley East (Old site)	-30	58	54	27	35	53	Landfill	Closed	Yes, within 100m from a wetland	closed	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure		
		Rossouw	-31	9	27	27	16	45	Landfill	Operational	Yes, within 100m of a source of surface water	Yes	G: S: B-	0	Landfilling	No	Yes	No	To be authorised for closure, establish transfer station		
		Rhodes	-31	9	27	27	16	45	Landfill and Transfer station	Operational	Yes, within 100m of a source of surface water	Yes	G: C: B-	0	Landfilling	No	Yes	No	To be authorised for closure, establish transfer station		
	Alfred Nzo	Umzimkulu	No unauthorised sites																		
Umzimvubu		No unauthorised sites																			
O.R. Tambo	King Sabata Dalinyebo	Mthatha	-31	35	21	28	47	11	Landfill	Operational	Yes, within 5km of a water source	Yes	G: M: B-	3 years	Land filling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
	Mbizana	Bizana	-30	49	60	29	51	21	Landfill	Operational	None	No	G: C: B-	0	Landbuilding	No	Yes	No	To be authorised for continued operation		
	Ntabankulu	Ntabankulu	-32	46	32.0016	26	38	36.9996	Landfill	Operational	None	Yes	G: C: B-	3 years	Land filling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
	Nyandeni	No unauthorised sites																			
	Port St. Johns	No unauthorised sites																			
	Qaukeni	No unauthorised sites																			
	Mhlonito	No unauthorised sites																			
Nelson Mandela Metro Municipality	Pumelela Drum Reconditioners	Anti-Waste Drum Reconditioning and Processing Facility	-33	48	42	25	37	35	Recycling facility	Operational	None	No	H:h	6 years	No	No	No	No	To be authorised for continued operation		
		Tambo	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation		
		Gillespie	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation		
		Jolobe	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation		
		Zoule	-33	45	18	25	24	33	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation		
		Sarili	-33	46	51	25	23	53	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation		
		Verwoerd	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation		
		Ngeyakhe	-33	45	43	25	23	52	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation		

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Type of disposal site	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Nelson Mandela Metro Municipality		Ntambani	-33	46	6	25	24	9	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Laksman	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Ralo Str	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Gail Road	-33	57	43	25	37	24	Transfer Station	Operational	Yes	Yes	G: C: B-	unlimited	Transfer Station	N/A	N/A	No	To be authorised for closure, alternative transfer station more suitably located for use already identified	
		Ditchling Str	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Hunters Retreat	-33	56	55	25	28	1	Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Kragga-Kamma Road	-33	57	57	25	30	13	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		5 th Avenue Walmer	-33	58	36	25	35	6	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Strandfontein	-33	59	41	25	39	39	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Off William Moffet (Fairview)	-33	57	58	25	32	36	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Stanford Road	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Old Uitenhage Road - Ezinyoka	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Katoo & Harrington Street	-33	57	43	25	37	24	Transfer Station	Operational	Yes	Yes	G: C: B-	unlimited	Transfer Station	N/A	N/A	No	To be authorised for closure, alternative transfer station more suitably located for use already identified	
		Bramlin Street	-33	56	14	25	30	42	Transfer Station	Operational	Yes	Yes	G: C: B-	unlimited	Transfer Station	N/A	N/A	No	To be authorised for closure, alternative transfer station more suitably located for use already identified	
		Rohila Village - Off Uitenhage Road	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Empiweni Hospital	-33	57	43	25	37	24	Transfer Station	Operational	Yes	Yes	G: C: B-	unlimited	Transfer Station	N/A	N/A	No	To be authorised for closure, alternative transfer station more suitably located for use already identified	
		Emplotheni Hospital	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Gunguluzza Street	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Daku Square	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Tippers Creek	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Carden Street	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Bhobhoyi Street	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	10 years	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Umnulu 1	-33	48	4	25	35	9	Transfer Station	Operational	Yes	Yes	G: C: B-	unlimited	Transfer Station	N/A	N/A	No	To be authorised for closure, alternative transfer station more suitably located for use already identified	
		Ngoma St	-33	57	43	25	37	24	Transfer Station	Operational	Yes	Yes	G: C: B-	unlimited	Transfer Station	N/A	N/A	No	To be authorised for closure, alternative transfer station more suitably located for use already identified	
		Mpongo St	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	Infinite	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Mgwaiana St	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	Infinite	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Dabadaba St	-33	47	44	25	35	29	Transfer Station	Operational	None	No	G: C: B-	Infinite	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Mbokwane	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	Infinite	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Gogo St	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	Infinite	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
		Malinga St	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	Infinite	Transfer Station	N/A	N/A	No	To be authorised for continued operation	
	Sakwatsha St	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	Infinite	Transfer Station	N/A	N/A	No	To be authorised for continued operation		
	Nggokweni St	-33	57	43	25	37	24	Transfer Station	Operational	None	No	G: C: B-	Infinite	Transfer Station	N/A	N/A	No	To be authorised for continued operation		

FREE STATE MUNICIPALITIES

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Xhariep	Letsemeng Municipality	Luckhoff	Landfill	-29	44	58.9992	24	47	13.9992	Operational	None	No	G: C: B-	5 years	Landbuilding	No	Yes	No	Should be authorised for continued operation	
	Kopanong Municipality	Gariep dam	Landfill	-30	36	20.9988	25	30	18	Operational	None	Yes	G: C: B-	4 years	Land filling	No	Yes	No	Should be authorised for continued operation	
		Kopang(eight unists)	Landfill	-29	56	50.55	25	39	6.372	Operational	None	No	G: C: B-	5 years	Land filling and Landbuilding	No	Yes	No	Should be authorised for continued operation	
		Reddersburg	Landfill	-29	39	11.0016	26	10	36.0012	Operational	Yes, close to residents	Yes	G: C: B-	3 years	Land filling and Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
		Fauresmith	Landfill	-29	45	10.0008	25	20	11.0004	Operational	Yes, within a area with shallow bedrock and limitted available cover material	Yes	G: C: B-	4 years	Land filling	No	No	No	Should be authorised for continued operation	
		Philippows	Landfill	-30	15	54	25	16	27.0012	Operational	None	No	G: C: B-	5 years	Land filling	No	Yes	No	Should be authorised for continued operation	
		Kopang Bethulie	Landfill	-30	29	44.9988	25	58	18.0012	Operational	None	No	G: C: B-	10 years	Land filling	No	Yes	No	Should be authorised for continued operation	
	Mohokare Municipality	Smithfield	Landfill	-30	12	48.9996	26	31	50.9988	Operational	None	No	G: C: B-	20 years	Land filling	No	Yes	No	Should be authorised for continued operation	Site need to be upgraded
		Rouxville	Landfill	-30	25	9.0012	26	50	9.9996	Operational	None	No	G: C: B-	20 years	Landfilling	No	Yes	No	Should be authorised for continued operation	Site need to be upgraded
		Zastron	Landfill	-30	18	2.6E-12	27	4	59.9988	Operational	Yes, within 200 m of residential area, within area of shallow and/or visible water table	No	G: C: B-	10 years	Land filling, open burning of waste	No	Yes	No, need to be implemented for continued operation	Should be authorised for continued operation	Site need to be upgraded
Motho	Mangaung Municipality	Matlakeng	Landfill	-30	17	35.0016	27	6	6.0012	Operational	None	No	G: C: B-	10 years	Open burning	Yes, once a month covering	Yes	No	Should be authorised for continued operation	Site need to be upgraded
		Thaba Nchu	Landfill	-29	13	5.9988	26	51	6.0012	Closed	None	Yes	G: C: B-	0	Land filling	N/A	N/A	No	To be authorised for closure, waste already taken to alternative site	
	Mantsopa Municipality	Excoelsior	Landfill	-28	56	22.56	27	3	44.64	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Hobhouse	Landfill	-29	31	27.966	27	8	36.0528	Operational	None	Yes	G: C: B-	4 years	Land filling and Landbuilding	No	Yes	No	Should be authorised for continued operation	
		Borwa	Landfill	-29	11	46.3236	27	1	54.4476	Operational	None	Yes	G: C: B-	4 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
Motho Municipality	No unauthorised sites. Bloemfontein Noord and Bloemfontein Suid disposal sites are permitted by DWAF																			
Lejweleputswa	Masilonyana Municipality	Soutpan	Landfill	-28	42	56.9988	26	3	43.9992	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Brandfort	Landfill	-28	42	6.0012	26	26	48.9984	Operational	None	No	G: C: B-	7 years	Landfilling	No	No	No	Should be authorised for continued operation	
		Winburg	Landfill	-28	30	38.9988	27	0	36	Operational	None	No	G: C: B-	5 years	Landfilling	No	No	No	Should be authorised for continued operation	
		Verkeerdevlei	Landfill	-28	49	59.0016	26	46	39	Operational	None	No	G: C: B-	8 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
	Tokologo Municipality	Boshof	Landfill	-28	32	24	25	14	6	Operational	Yes, shallow ground water, reached capacity	Yes	G: C: B-	1 year	Landfilling	No	Yes	No	To be authorised for closure	Regional site with transfer infrastructure still to be identified and established
		Hertzogville	Landfill	-28	7	35.0004	25	30	28.0008	Operational	Yes, shallow ground water, reached capacity	Yes	G: C: B-	1 year	Landfilling	No	Yes	No	To be authorised for closure	
	Dealsville	Landfill	-28	40	32.9988	25	45	57.9996	Operational	Yes, shallow ground water, reached capacity	Yes	G: C: B-	1 year	Landfilling	No	Yes	No	To be authorised for closure		
	Tswelopele Municipality	Bultfontein	Landfill	-28	17	15	26	9	2.0016	Operational	Stormwater problems	No	G: C: B-	10 years	Landbuilding	From time to time	From time to time	No	Should be authorised for continued operation	
Matjhabeng Municipality	No unauthorised sites																			
Nala Municipality	Wesselbron	Landfill	-27	51	1.0008	26	21	55.0008	Operational	None	No	G: S: B-	2 years	Landbuilding	No	From time to time	No	Should be authorised for continued operation		
Thabo Mofutsanyane	Setsoto Municipality	Ficksburg	Landfill	-28	52	17.0004	27	52	42.9996	Operational	None	No	G: S: B-	15 years	Landfilling	Yes	No	No	Should be authorised for continued operation	
		Meqheleng	Landfill	-28	54	2.9988	27	52	53.0004	Closed	None	Yes	G: C: B-	0	N/A	Yes	Yes	No	To be authorised for closure, landfill already closed, waste taken to replacement site	
		Clocolan	Landfill	-28	54	52.9992	27	34	1.9992	Operational	None	Yes	G: S: B-	4 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Marquard	Landfill	-28	40	0.0012	27	26	8.0016	Closed	None	Yes	G: C: B-	0	Landfilling	No	Yes	No	To be authorised for closure, landfill already closed, waste taken to replacement site	
	Dihlabeng Municipality	Bethlehem	Landfill	-28	13	57	28	18	41.0004	Operational	Yes, within 5km of a water source	Yes	G: M: B-	3 years	Landfilling	No	No	No	To be authorised for closure, new replacement site still to be identified	
		Paul Roux & Fateng-tse-Ntsho	Landfill	-28	17	49.9992	27	57	6.0012	Operational	Yes, within 5km of a water source	Yes	G: C: B-	4 years	Landfilling	No	No	No	Should be authorised for continued operation	
		Clarens & Kgubetswana	Landfill	-28	30	57.9996	28	25	10.9992	Closed	None	Yes	G: C: B-	0	Landbuilding	No	No	No	To be authorised for closure, landfill already closed, waste taken to replacement site	
		Fouriesburg	Landfill	-28	37	9.0012	28	12	25.9992	Operational	Yes, within 5km of a water source	Yes	G: C: B-	4 years	Landfilling		No	No	Should be authorised for continued operation	
Mashaeng	Landfill	-28	37	13.0008	28	11	25.0008	Operational	Yes, within 5km of a water source	Yes	G: C: B-	4 years	Landfilling	No	No	No	Should be authorised for continued operation			

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established	
Mopani District Municipality	Ba-Phalaborwa	Gravelotte	Landfill	-23	56	16	30	37	8	Closed	None	Yes	G: C: B-	0	Landfilling	No	No	No	To be authorised for closure, already closed waste taken to new permitted site		
		Lulekani	Landfill	-23	51	45	31	5	14	Closed	None	Yes	G: C: B-	0	Landfilling	No	No	No	To be authorised for closure, already closed waste taken to new permitted site		
Vhembe District Municipality	Musina	Musina	Landfill	-22	20	30	30	2	18	Operational	None	No	G: C: B-	10 years	Land filling	Yes	No	No	Should be authorised for continued operation		
		Madimbo	Landfill	-22	27	1	30	33	40	Operational	None	No	G: C: B-	10 years	Land filling	Yes	No	No	Should be authorised for continued operation		
	Thulamela	No unauthorised sites																			
	Makhado	Vuwani	Transfer station	-23	8	11	30	25	11	Operational	None	No	G: C: B-	N/A	N/A	N/A	N/A	No	No	Should be authorised for continued operation	
		Dzanani	Transfer station, Recycling	-22	52	38	30	9	12	Operational	None	No	G: C: B-	N/A	N/A	N/A	N/A	No	No	Should be authorised for continued operation	
		Vleifontein	Transfer station, Recycling	-23	12	58	29	59	31	Operational	None	No	G: C: B-	N/A	N/A	N/A	N/A	No	No	Should be authorised for continued operation	
Mutale	Gundani	Landfill	-22	39	20	30	34	1	Operational	None	Yes	G: C: B-	2 years	Landbuilding	No	No	No	To be authorised for closure	Transfer station to be established		
Waterberg District Municipality	Modimolle	No unauthorised sites																			
	Mogalakwena	Rebone	Landfill	-23	25	34	28	36	39	Operational	None	No	G: C: B-	20 years	Landfilling	No	No	No	No	Should be authorised for continued operation	
		Bela-Bela	No unauthorised sites																		
	Thabazimbi	No unauthorised sites																			
	Lephalale			-24	18	49	29	24	31		Yes, within a area with shallow bedrock and limited available cover material	Yes				Land filling and landbuilding	Yes	No	No	Should be authorised for continued operation	
		Groothoek 5	Landfill								Operational			G: S: B-	5 years						
Mookgophong	No unauthorised sites																				

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Greater Sekhukhune District Municipality	Groblersdal Municipality	Groblersdal	Landfill	-25	9	59	29	23	29	Operational	None	No	G: S: B-	8 years	landfilling	Yes	From time to time	Operate site away from main road	Should be authorised for continued operation	
		Elandsdoorn/De nnilton	Landfill	-25	16	57	29	11	36	Operational	None	No	G: C: B-	5 years	landfilling	No	Yes	No	Should be authorised for continued operation	
		Monsterus	Landfill	-25	1	45	29	43	59	Operational	Yes, within 100m of a source of surface water, 1km from a wetland	Yes	G: C: B-	1 year	Landfilling	No	Yes	No	To be authorised for closure, transfer station to be established and waste taken to Groblersdal site	
		Hlogotlou	Landfill	-25	1	29	29	47	1	Operational	None, but need to be closed and rehabilitated	Yes, transfer station to be established after closure of landfill	G: C: B-	2 years	landfilling	No	Yes	No	To be authorised for closure, transfer station to be established and waste taken to Groblersdal site	
		Roosenekal	Landfill	-25	11	42	29	55	38	Operational	None	No	G: S: B-	10 years	landfilling	No	From time to time	No	Should be authorised for continued operation	
		Marble Hall Municipality	Leeuwfontein	Landfill	-24	59	41	29	23	58	Not in use, but not yet closed	None	Yes, transfer station to be established after closure of landfill	G: C: B-	2 years	landfilling	No	Yes	No	To be authorised for closure, waste to be transferred to permitted Marble Hall site
	Fetakgomo Municipality	Atok	Landfill	-24	17	60	29	53	28	Operational	None	Yes, limited lifespan	G: C: B-	2 years	landfilling	Yes	No	No	To be authorised for closure, new replacement site still to be identified	
		Mohlaletsu	Landfill	-24	28	57	29	52	50	Operational	Yes, within a area with shallow bedrock and limited available cover material	No	G: C: B-	4 years	landfilling	No	Yes	No	Should be authorised for continued operation	
	Makhuduthamaga Municipality	Jane Furse	Landfill, recycling centre	-24	44	53	29	52	36	Operational	None	No	G: M: B-	15 years	landfilling, recycling executed	Yes	No	No	Should be authorised for continued operation	In process

KWAZULU NATAL MUNICIPALITIES

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established	
Ugu	Vulamehlo Municipality	No Unauthorised Sites																			
	Umdoni Municipality	No Unauthorised Sites																			
	Ezinqoleni Municipality	No Unauthorised Sites																			
	uMuziwabantu Municipality	uMuziwabantu	Landfill	-29	57	55.0008	30	57	11.0016	Operational	None	No	G: S: B+	10 years	Landfilling	Yes	No	No	To be authorised for continued operation		
	Uzumbe Municipality	No Unauthorised Sites																			
Umgungundlovu	Hibiscus Coast Municipality	No Unauthorised Sites																			
	Umshwathi Municipality	No Unauthorised Sites																			
	uMgeni Municipality	No Unauthorised Sites																			
	Mpofana Municipality	Mooi rivier	Landfill	-29	12	29.9988	30	0	24.9984	Operational	Yes, within 100m of a source of surface water, 1km from a wetland	Yes	G: S: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
	Impendle Municipality	Impendle	Landfill	-29	35	48.9984	29	52	3	Operational	None	No	G:C:B-	12 years	Landbuilding	No	No	No	To be authorised for continued operation		
	Umsunduzi Municipality	New England	Landfill	-29	37	49.0008	30	25	3	Operational	None	No	G:C:B-	10 years	Landfilling	No	Yes	No	To be authorised for continued operation		
	Mkhambathini Municipality	No Unauthorised Sites																			
Uthukela	Richmond Municipality	Richmond	Landfill	-29	54	11.0016	30	15	19.0008	Operational	None	No	G: S: B-	10 years	Landbuilding	No	No	No	To be authorised for continued operation		
	Okhahlamba Municipality	Okhahlamba	Landfill	-28	43	48	29	21	7	Operational	Yes, above shallow water table, within 1 km from wetland	Yes	G: S: B-	3 years	Landfilling and landbuilding	Yes	Yes	No	To be authorised for closure, new site still to be identified		
	Ernambithi Municipality	Acaciavawe	Landfill	-28	35	51	29	48	24.9984	Operational	None	No	G:C:B-	10 years	Landfilling	No	No	No	To be authorised for continued operation		
	Umtshezi Municipality	Weenen	Landfill	-28	50	40.9992	30	4	30	Operational	None	No	G:C:B-	5 years	Landfilling	No	No	No	To be authorised for continued operation		
	Imbabazane Municipality	No Unauthorised Sites																			
	Indaka Municipality	Indaka	Landfill	-28	22	53.0004	30	8	27.9996	Operational	None	No	G:C:B-	10 years	Landbuilding	No	No	No	To be authorised for continued operation		
Umzinyathi District Council	Endumeni Municipality	Sibongile	Landfill	-28	11	9.9996	30	14	12.0012	Closed and rehabilitated	None	No	G:S:B-	N/A	N/A	N/A	N/A	No	To be authorised for closure, site already closed, waste taken to permitted Glencoe site		
		Dundee garden refuse site	Transfer Station	-28	9	24.0012	30	13	0.0012	Operational	None	No	G:C:B-	N/A	Transfer Station	N/A	N/A	No	To be authorised for continued operation		
		Was bank	Landfill	-28	18	59.0004	30	6	43.9992	Closed and rehabilitated	None	No	G: C: B-	N/A	N/A	N/A	N/A	No	To be authorised for closure, site already closed, waste taken to permitted Glencoe site		
	Nquthu Municipality	Nondweni	Landfill	-28	57	57.9996	30	51	50.0004	Used for ad hoc disposal, not in use by Municipality	None, location problematic for waste collection vehicle access	To be phased out	G:C:B-	N/A	Haphazard disposal, waste burning	No	From time to time	No	Permit to be amended for landfill closure and possible establishment of transfer station	Transfer station to be established at Nondweni landfill, waste from Nondweni already taken to permitted Nquthu site	
	Umsinga Municipality	Tugela Ferry	Landfill	-28	11	29.0004	30	49	6.9996	Operational	Yes, close to residents, waste burning	To be phased out	G:C:B-	3 years	Haphazard disposal, waste burning	No	Yes	No	To be authorised for closure	Regional site for Tugela Ferry, Pomeroy, Greytown still to be identified and established	
	Umvoti Municipality	Kranskop	Transfer Station	-28	57	58	30	51	50	Operational	None	No	G:C:B-	N/A	Transfer Station	N/A	N/A	N/A	To be authorised for continued operation		
Amajuba	Dannhauser Municipality	Dannhauser	Landfill	-27	24	24.9984	30	57	10.0008	Operational	None	No	G: S: B-	10 years	Landbuilding	No	No	No	Should be authorised for continued operation		
	Newcastle Municipality	No Unauthorised Sites																			
	eMahlangueni Municipality	No Unauthorised Sites																			
Zululand	eDumbe Municipality	Bilanyoni	Landfill	-27	25	51.9996	30	49	0.9984	Operational	None	No	G: C: B-	7 years	Land filling and Land building	No	Yes	No	Should be authorised for continued operation		
		Paulpietersburg	Landfill	-27	16	54.9984	31	17	38.0004	Operational	None	No	G: C: B-	8 years	Land filling and Land building	No	Yes	No	Should be authorised for continued operation	Possible transfer station for municipal area	
	uPhongola Municipality	Belgrade	Landfill	-27	22	32.0016	31	37	32.0016	Operational	Yes, 300m from stream	Yes	G: C: B-	2 years	Landfilling	No	Yes	No	To be authorised for closure, waste to be transferred to Pongola site	Transfer station to be established at Belgrade site once closed	
		Pongola	Landfill	-27	34	10.9992	31	17	12.9984	Operational	None	No	G: C: B-	15 years	Landbuilding	No	Yes	No	Should be authorised for continued operation		
	Abaqulusi Municipality	Louwsburg	Landfill	-27	43	10.9992	31	1	33.9996	Operational	None	No	G: C: B-	20 years	Landbuilding	No	Yes	No	Should be authorised for continued operation		
		Hlobane	Landfill	-27	58	55.9992	30	42	57.9996	Operational	None, but should be closed, unacceptable from environmental point of view	Yes	G: C: B-	3 years	Landbuilding	No	Yes	No	To be authorised for closure	Transfer station still to be established	
		Emondio	Landfill	-27	46	35.0004	30	48	10.0008	Operational	Yes, close to residents, waste burning	Yes	G: C: B-	3 years	Landbuilding	No	Yes	No	To be authorised for closure	Transfer station still to be established	
		Vryheid	Landfill	-27	44	29.0004	31	6	10.0008	Operational	None	Yes, reached end of life	No	G: S: B+	2 years	Land filling and Land building	No	No	No	To be authorised for closure	New regional site still to be identified and established
		Alpha	Proposed Landfill	-27	40	39	31	4	0.0012	Proposed	None	No	G: C: B-	20 years	Trench method	Yes	No	No	Should be authorised for continued operation	In process to be authorised	
		Coronation	Landfill	-27	49	23.0016	31	3	1.0008	Operational	None, but should be closed, unacceptable from environmental point of view	Yes	G: C: B-	3 years	Landbuilding	No	No	No	To be authorised for closure	Transfer station still to be established, disposal at Vryheid once sites are closed	
		Enyathi	Landfill	-27	49	22.9728	31	3	1.2528	Operational	None, but should be closed, unacceptable from environmental point of view	Yes	G: C: B-	3 years	Landbuilding	No	Yes	No	To be authorised for closure		
Nkongolwana	Landfill	-27	53	52.0008	31	38	52.0008	Operational	None	Yes	G: C: B-	2 years	Landbuilding	No	Yes	No	To be authorised for closure				

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established	
Zululand	Nongoma Municipality	Nongoma	Landfill	-28	13	24.9996	31	28	5.0016	Operational	None, but should be closed, unacceptable from environmental point of view	Yes	G: C: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure	New site or transfer station (disposal at Ulundi) still to be established	
	Ulundi Municipality	Mahlabatini	Landfill	-28	17	38.0004	31	25	31.0008	Operational	Yes, no drainage	Yes	G: C: B-	3 years	Landfilling	No	No	No	To be authorised for closure	Transfer station still to be established, waste to be transferred to Ulundi	
		Ulundi	Landfill	-28	17	38.0004	31	25	31.0008	Closed	None	Yes, not in use	G: S: B+	0	Landfilling	N/A	N/A	N/A	To be authorised for closure, waste already transferred to Pietermaritzburg		
		Ulundi	Transfer Station	-28	22	23.9988	32	24	52.9992	Operational	None	No	G: S: B-	N/A	Transfer Station	N/A	N/A	N/A	Should be authorised for continued operation	Possible establishment of regional site, study for feasibility in process	
Umkhanyakude	uMhlabuyalingana Municipality	Thandizwe	Landfill	-27	7	45.9984	31	59	39.0012	Operational	None	No	G: S: B-	2 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
	Jozini Municipality	Ingwavuma	Landfill	-27	36	46.0008	32	2	3.9984	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
		Umkuze (Senekal Farm)	Landfill	-27	44	56.0004	32	4	8.0004	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
		Sibandana	Landfill	-28	1	27.0012	32	16	39	Operational	Yes, steep slopes, within 5km of a water source	Yes	G: C: B-	4 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
	The Big Five False Bay Municipality	Big Five	Landfill	-28	1	27.0012	32	16	39	Operational	Close to residents	Yes	G: C: B-	10 years	Landfilling	No	Yes	No	To be authorised for closure, waste to be taken to the new Big Five site once established		
		New Big Five Site	Landfill	-28	8	39.0012	31	52	32.9988	Busy with EIA	None	No	G: M: B-	20 years	Landfilling	N/A	N/A	No	Should be authorised for continued operation		
	Hlabisa Municipality	Hlabisa	Landfill	-28	24	37.0008	32	13	14.9988	Operational	Yes, within 100m of a source of surface water, 1km from a wetland	Yes	G: M: B-	2 years	Land filling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
		Mtubatuba	Mtubatuba (Inyala)	Landfill	-28	24	37	32	13	15	Operational	Yes, close to residents, waste burning	Yes	G: C: B-	3 years	Land filling	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
			St Lucia	Landfill	-29	33	33.0012	30	23	38.0004	Operational	Yes, within 1km from a wetland	Yes	G: C: B-	2 years	Land filling	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
		Nordale	Landfill	-26	59	38.0004	32	44	56.0004	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
uThungulu	Mbonambi Municipality	No Unauthorised Sites																			
	Umhlatuze Municipality	Uhtunglu	Landfill	-28	35	47.0004	31	44	26.9988	Operational	None	No	G: C: B-	10 years	Landfilling	No	No	No	Should be authorised for continued operation		
	Ntambanana Municipality	Ntambanana	Transfer Station	-28	35	47.04	31	44	26.88	Operational	None	No	G: C: B-	20 years	Transfer Station	N/A	N/A	No	Should be authorised for continued operation		
	uMlalazi Municipality	Gingindlovu	Garden refuse site	-28	0	33.0012	30	3	12.9996	Operational	None	No	G: C: B-	20 years	Landfilling	No	No	No	Should be authorised for continued operation		
	Mthonjaneni Municipality	No Unauthorised Sites																			
iLembe (King Shaka)	Nkandla Municipality	No Unauthorised Sites																			
	eNdongakusuka Municipality	No Unauthorised Sites																			
	Ndwedwe Municipality	None, no disposal sites in municipal area, backyard burying and burning																			
	Mandeni Municipality	No Unauthorised Sites																			
Maphumulo Municipality	No Unauthorised Sites																				
Sisonke	Ingwe Municipality	Creighton	Landfill	-29	47	57.0012	29	45	50.0004	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
		Bulwer	Landfill	-29	44	52.0008	29	30	45	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
	KwaSani Municipality	Hirreville	Landfill	-29	44	52.0008	29	30	45	Closed	None	Closed	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed, transfer station has been established		
		Hirreville	Transfer Station	-29	49	24.1104	29	27	24.7392	Operational	None	No	G: S: B-	10 years	Transfer Station	N/A	N/A	No	Should be authorised for continued operation		
	Greater Kokstad Municipality	Kokstad	Landfill	-30	32	6.2232	29	24	44.8452	Operational	Spring next to site	Yes	G: S: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified		
	Ubuhlebezwe Municipality	No Unauthorised Sites																			
	Matatiele Municipality	Matietie	Landfill	-30	32	6	29	24	45	Operational	Yes, close to residents	Yes	G: C: B-	3 years	Landfilling	No	No	No	To be authorised for closure, new replacement site still to be identified		
eThekweni Metropolitan Municipality	Assmang Manganese Cato Ridge Works	Assmang Manganese Cato Ridge Works	Landfill	-29	44	2.022	30	35	21.6744	Operational	Yes, no drainage	No	H:H	6 years	Landfilling	No	No	No	To be authorised for continued use		
Total number of Local Municipalities	50																				
Total number of Metropolitan Municipalities	1																				

MPUMALANGA MUNICIPALITIES

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Gert Sibande	Albert Luthuli Municipality	Empuluzi	Landfill	-26	18	4	30	46	47	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Elukwatini	Landfill	-26	2	58	30	47	58	Operational	None	No	G: C: B-	5 years	Landfilling	No	No	No	Should be authorised for continued operation	
		Badplaas	Landfill	-25	57	27	30	34	11	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Silobela	Landfill	-26	5	5	30	6	52	Operational	Yes, close to residents	Yes	G: C: B-	4 years	Landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
		Ekulinda	Landfill	-26	2	33	31	1	19	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
	Msukaligwa Municipality	Davel	Landfill	-26	26	57	29	40	0	Operational	None	Yes, limited lifespan	G: C: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure	Breyton is permitted and establish new transfer stations once sites are closed, waste taken to permitted Breyton site
		Chrissimeer	Landfill	-26	16	45	30	12	43	Operational	None	Yes, limited lifespan	G: C: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure	
		Lothair	Landfill	-26	23	26	30	26	4	Operational	None	Yes, limited lifespan	G: C: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure	
	Mkhondo Municipality	Amsterdam	Landfill	-26	37	34	30	39	49	Operational	Yes, close to residents	Yes	G: C: B-	3 years	Land filling	No	Yes	No	To be authorised for closure	Establish new transfer station
	Pixley Ka Seme Municipality	Perdekop	Landfill	-27	9	57	29	37	31	Operational	None	No	G: C: B-	20 years	Land filling	No	No	No	Should be authorised for continued operation	
		Wakkerstroom	Landfill	-27	21	13	30	8	41	Operational	Yes, within 1km from a wetland	Yes	G: C: B-	4 years	Land filling	No	No	No	To be authorised for closure, new replacement site still to be identified	
		Amersfoort	Landfill	-27	0	31	29	51	54	Operational	None	No	G: C: B-	30 years	Land filling	No	No	No	Should be authorised for continued operation	
	Lekwa Municipality	Standerton	Landfill	-26	56	53	29	14	19	Operational	None	No	G: M: B-	5 years	Landbuilding	No	No	No	Should be authorised for continued operation	
	Dipaleseng Municipality	Groot Vlei Power Station	Landfill	-26	45	39	28	28	57	Operational	None	No	G: S: B-	10 years	Landbuilding	No	Yes	No	Should be authorised for continued operation	
		Greyling stad	Landfill	-26	44	25	28	45	16	Operational	None	No	G: S: B-	20 years	Landbuilding	No	Yes	No	Should be authorised for continued operation	
		Balfour	Landfill	-26	39	29	28	35	33	Operational	None	No	G: S: B-	10 years	Landbuilding	No	Yes	No	Should be authorised for continued operation	
	Govan Mbeki Municipality	Leandra	Landfill	-26	22	19	28	55	28	Operational	None	No	G: C: B-	5 years	Landbuilding, end tipped	No	No	No	Should be authorised for continued operation	
		Secunda	Landfill	-26	30	34	29	11	57	Operational	Yes, within 100m of a source of surface water	No, special design measures	G: L: B-	15 years	Landfilling, end tipping	Yes	No	Yes, special design measures	Should be authorised for continued operation	
Evander		Landfill	-26	28	12	29	6	40	Operational	None	Yes, limited life	G: S: B-	3 years	Landfilling and landbuilding	Yes	No	No	To be authorised for closure, new replacement site still to be identified		
Kingross		Landfill	-26	25	7	29	5	44	Operational	None	No	G: C: B-	10 years	Landfilling	No	No	No	Should be authorised for continued operation	Improve operations	
Bethal		Landfill	-26	27	7	29	28	13	Operational	None	No	G: S: B-	30 years	Landfilling	No	No	No	Should be authorised for continued operation		
Nkangala	Emalahleni Municipality																		To be authorised for closure, site already closed and waste taken to alternative permitted site	
	Department of Water Affairs and Forestry	Ogies	Landfill	-26	3	1	29	3	21	Closed	None	Yes	G: S: B-	0	Landfilling	No	No	No	Should be authorised for continued operation	
	Samancor: Witbank Ferrochrome	Samancor Ferrochrome Slag Facility Witbank	Landfill	-25	52	47.474	29	13	29.11		Yes, unstable area, shallow water table	No	H: H	6 years	Landfilling	No	No	No	Should be authorised for continued use	
	Delmas Municipality	No unauthorised sites																		
	Steve Tshwete Municipality	Hendrina	Landfill	-26	9	29	29	43	10	Closed	None	Yes	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, new replacement site still to be identified	
	Samancor: Middelburg Ferrochrome	Samancor Middelburg Ferrochrome Slag Facility	Landfill	-25	46	21.648	29	27	26.42		Yes, shallow water table	No	H: H	6 years	Landfilling	No	No	No	Should be authorised for continued use	
	Assmang Chrome	Assmang Chrome Machadodorp	Landfill	-25	40	4.7388	30	14	56.47		No significant impact of site on environment, impact regarded as medium - no lining system as required for class H:H site (historical site)	No	H: H	6 years	Landfilling	No	No	No	Should be authorised for continued use	
	Emakhazeni Municipality	Machadodorp	Landfill	-25	40	58	30	14	45	Operational	None	No	G: C: B-	2 years	landfilling	No	Yes	No	Should be authorised for continued operation	
		Belfast	Landfill	-25	41	32	30	2	32	Operational	Yes, within 100m of a source of surface water, site passed its lifetime	Yes	G: S: B-	4 years	landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
		Waterval Boven	Landfill	-25	38	18	30	19	53	Operational	None	No	G: C: B-	5 years	landfilling	No	Yes	No	Should be authorised for continued operation	
	Thembisile Municipality	Dullstroom	Landfill	-25	25	3	30	6	6	Operational	None	No	G: C: B-	4 years	landfilling	No	Yes	No	Should be authorised for continued operation	LM has indentified the need for an investigation for new site
	DR J.S Moroka Municipality	No unauthorised sites																		
Siyaduswa		Landfill	-25	6	27	29	3	32	Operational	Yes, close to residents	Yes	G: C: B-	3 years	Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified		

NORTHERN CAPE MUNICIPALITIES

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Kgalegadi	Ga-Segonyana Local Municipality	No unauthorised sites																		
	Moshaweng	No unauthorised sites																		
	Gamagara Local Municipality	Deben	Landfill	-27	35	47	22	52	0.998	Operational	None	Yes	G: S: B-	3 years	Land filling	No	No	No	To be authorised for closure, new replacement site still to be identified	
	Olifants hoek	Landfill	-27	57	40	22	42	22	Operational	None	No	G: S: B-	4 years	Land filling	No	No	No	Should be authorised for continued operation		
Namakwa	Richtersveld Local Municipality	No unauthorised sites																		
	Nama Khoi Local Municipality	Nababeep	Landfill	-29	34	3	17	46	27	Operational	None	No	G: C: B-	10 years	Land filling	No	Yes	No	Should be authorised for continued operation	
		Bulletrap	Landfill	-29	26	17.002	17	46	0.998	Operational	None	No	G: C: B-	10 years	Land filling	No	Yes	No	Should be authorised for continued operation	
		Concordia	Landfill	-29	32	15	17	53	34	Operational	None	No	G: C: B-	8 years	Land filling	No	Yes	No	Should be authorised for continued operation	
	Kamiesberg Local Municipality	Garies	Landfill	-30	35	3.0012	17	59	51	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Hondeklipbaai	Landfill	-30	17	53.002	17	17	3.001	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
	Hantam Local Municipality	Nieuwoudtsville	Landfill	-31	21	43.999	19	7	37	Operational	None	No	G: C: B-	20 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Middelpos	Landfill	-31	54	11.999	20	13	36	Operational	None	No	G: C: B-	10 years	Landfilling	No	No	No	Should be authorised for continued operation	
	Karoo Hoogland Local Municipality	Williston	Landfill	-31	20	48.001	20	53	57	Operational	None	No	G: C: B-	10 years	Land filling	No	Yes	No	Should be authorised for continued operation	
		Sutherland	Landfill	-32	23	44.002	20	40	27	Operational	None	No	G: C: B-	8 years	Land filling	No	Yes	No	Should be authorised for continued operation	
	Khai-Ma Local Municipality	Pofadder	Landfill	-29	7	5.9988	19	22	39	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
Witbank		Landfill	-29	7	1	19	19	59	Currently not operational	None	No	G: M: B-	5 years	Landfilling	N/A	N/A	N/A	Should be authorised for continued operation		

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Namakwa	Khai-Ma Local Municipality	Owseepkans	Landfill	-28	46	16	19	16	12	Operational	None	No	G: M: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Pella	Landfill	-29	0	59	19	18	2.999	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
Pixley Ka Seme	Ubuntu Local Municipality	Victoria West	Landfill	-31	24	2.0016	23	7	7	Operational	None	Should be closed	G: C: B-	2 years	Cell method	No	No	No	To be authorised for closure, replacement site already identified	
		Loxton	Landfill	-31	28	36.001	22	21	11	Operational	None	No	G: C: B-	15 years	Land filling	No	No	No	Should be authorised for continued operation	
		Richmond	Landfill	-31	24	25.999	23	56	46	Operational	None	No	G: C: B-	15 years	Land filling	No	Yes	No	Should be authorised for continued operation	
	Umsobomvu Local Municipality	Norvalspont	Landfill	-30	37	49.001	25	27	19	Operational	None	No	G: C: B-	20 years	Land filling	No	No	No	Should be authorised for continued operation	
	Emthanjeni Local Municipality	De Aar	Landfill	-30	39	40	24	0	35	Operational	None	No	G: S: B-	13 years	Landbuilding g. cells	Yes	No	No	Should be authorised for continued operation, Permit application submitted to DEAT	
		Britstown t/s	Transfer station	-30	35	15	23	29	37	Operational	Damaged	Yes	G: C: B-	N/A	Transfer station	N/A	N/A	N/A	Should be authorised for continued operation, upgrade existing transfer station	
		Britstown	Landfill	-30	35	15	23	29	37	Operational	None	No	G: C: B-	10 years	Land building, burning	Not regularly	Yes	No	Should be authorised for continued operation	
		Hanover	Landfill	-31	3	50	24	26	29	Operational	None	No	G: C: B-	20 years	Land building, burning	No	No	No	Should be authorised for continued operation	
	Kareeberg Local Municipality	Vosburg Landfill	Landfill	-30	34	31.001	22	52	41	Operational	None	No	G: C: B-	20 years	Land filling and landbuilding	Yes	No	No	Should be authorised for continued operation	Permit application in process
		Vanwyksvlei	Landfill	-30	21	5.0004	21	49	25	Operational	None	No	G: C: B-	20 years	Land building	Yes	No	No	Should be authorised for continued operation	Permit application in process
	Renosterberg Local Municipality	Petrusville	Landfill	-30	4	45.001	24	39	44	Operational	Yes, close to residents	To be closed	G: C: B-	4 years	Land building, burning	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
		Vanderkloof	Landfill	-30	0	31	24	44	2	Operational	None	No	G: C: B-	20 years	Land building, burning	No	Yes	No	Should be authorised for continued operation	

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Pixley Ka Seme	Renosterberg Local Municipality	Philipstown	Landfill	-30	26	11	24	28	29	Operational	None	No	G: C: B-	20 years	Land building, burning	No	Yes	No	Should be authorised for continued operation	
	Thembellihle Local Municipality	Hopetown	Landfill	-29	37	27.001	24	5	13	Operational	None	Yes, new site budgeted for by Mun	G: C: B-	3 years	Land building, burning	No	Yes	No	To be authorised for closure, new replacement site still to be identified, municipality has buget for a replacement site	
		Strydenburg	Landfill	-29	56	35.002	23	40	4.001	Operational	None	No	G: C: B-	10 years	Trench, burning	Yes	Yes	No	Should be authorised for continued operation	
	Siyathemba Local Municipality	Prieska	Landfill	-29	39	50	22	44	33	Operational	None	No	G: C: B-	20 years	Landfilling and landbuilding	No	Yes	No	Should be authorised for continued operation	
		Niekerkshoop	Landfill	-29	19	40.001	22	49	41	Operational	None	No	G: C: B-	20 years	Landfilling and landbuilding	No	Yes	No	Should be authorised for continued operation	
		Marydale	Landfill	-29	24	31	22	6	21	Operational	None	No	G: C: B-	20 years	Landbuilding, burning	No	Yes	No	Should be authorised for continued operation	
	Siyancuma Local Municipality	Douglas	Landfill	-29	3	6.9984	23	46	30	Operational	Yes, but site should be moved away from power cables	No	G: C: B-	10 years	Land building	No	Yes	No	Should be authorised for continued operation	
		Campbell	Landfill	-28	47	47	23	43	37	Operational	None	No	G: C: B-	5 years	Incineration, haphazard disposal	No	From time to time	No	Should be authorised for continued operation	
		Griekwastad	Landfill	-28	51	9	23	15	12	Operational	None	No	G: C: B-	10 years	Incineration, trenches	No	No	No	Should be authorised for continued operation	
	Siyanda	Mier Local Municipality	Rietfontein	Landfill	-26	44	34.001	20	1	52	Operational	None	No	G: C: B-	10 years	Land filling	Yes	Yes	No	Should be authorised for continued operation
Lougos			Landfill	-26	43	16	20	4	60	Operational	None	No	G: C: B-	10 years	Land filling	Yes	Yes	No	Should be authorised for continued operation	
Philanders			Landfill	-26	48	31	20	5	40	Operational	None	No	G: C: B-	10 years	Land filling	Yes	Yes	No	Should be authorised for continued operation	
Groot Mier			Landfill	-26	44	29.774	20	19	6.262	Operational	None	No	G: C: B-	10 years	Land filling	Yes	Yes	No	Should be authorised for continued operation	
Weikom			Landfill	-26	33	25	20	35	41	Operational	None	No	G: C: B-	10 years	Land filling	Yes	Yes	No	Should be authorised for continued operation	

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Siyanda	Mier Local Municipality	Askham	Landfill	-26	58	59.002	20	46	60	Operational	None	No	G: C: B-	10 years	Land filling	Yes	Yes	No	Should be authorised for continued operation	
	Kheis Municipality	No unauthorised sites																		
	Kail Garib Local Municipality	Marchand	Landfill	-28	43	46.999	20	30	20	Operational	Yes, within 5km of a water source	Yes	G: C: B-	3 years	Landfilling	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
	Khara Hais Local Municipality	No unauthorised sites																		
	Tsantsabane Local Municipality	Postmasburg	Landfill	-28	19	0.9984	23	4	1.999	Operational	Yes, close to residents	Yes	G: S: B-	5 years	Trenchmeth od	Yes	Yes, from time to time	No	Should be authorised for continued operation	
	Kgatelopele Local Municipality	Danielskuil	Landfill	-28	11	13.999	23	32	21	Operational	Yes, close to water	Yes	G: C: B-	3 years	Landfilling	No	No	No	To be authorised for closure, new replacement site still to be identified	
Frances Baard District Municipality	Magareng Local Municipality	No unauthorised sites																		
	Sol Plaatjie Local Municipality	No unauthorised sites																		
	Dikgatlong Local Municipality	Barkly-west	Landfill	-28	32	3.0012	24	29	20	Operational	None	No	G: C: B-	15 years	Landbuildin g	No	Yes	No	Should be authorised for continued operation	
		Delpportshoop	Landfill	-28	24	34.999	24	19	20	Operational	None	No	G: C: B-	15 years	Landbuildin g	No	Yes	No	Should be authorised for continued operation	
		Koopmansfont ein	Landfill	-28	16	34	24	3	9	Operational	None	No	G: C: B-	15 years	Landbuildin g	Yes	No	No	Should be authorised for continued operation	
		Windsorton	Landfill	-28	19	36.998	24	41	35	Operational	None	No	G: C: B-	15 years	Landbuildin g	No	Yes	No	Should be authorised for continued operation	
Phokwane Local Municipality	Ganspan	Landfill	-27	58	14.999	24	45	38	Closed	Yes, 1km from a wetland	Yes	G: C: B-	0	Landfilling	No	No	No	To be authorised for closure, site already closed, waste taken to alternative permitted site		
Total number of Local Municipalities	27																			
Total number of Metropolitan Municipalities	0																			

NORTH WEST MUNICIPALITIES

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established	
Bojanala Platinum	Moretele	Boplaas West	Landfill	-25	20	34.001	28	15	5	Operational	Yes, shallow ground water table	Yes	G: S: B-	5 Years	Landbuilding, endtipping	No	Yes	No	To be authorised for closure	Centralised regional site with transfer infrastructure to be identified and established	
		Boplaas East	Landfill	-25	20	9.9996	28	15	23	Operational	Yes, shallow ground water table	Yes	G: S: B-	5 Years	Landbuilding, endtipping	No	Yes	No	To be authorised for closure		
	Madibeng	Kosmos	Transfer station	-25	44	13.999	27	50	54	Operational	None	No	G:C:B -	N/A	Transfer station	N/A	N/A	N/A	Should be authorised for continued operation	Propose 5 additional new transfer stations at Damonsville, Brits, Lethabong, Klipgat, Modderspruit	
		Brits	Transfer station	-25	37	44	27	46	52	Operational	None	No	G:C:B -	N/A	Transfer station	N/A	N/A	N/A	Should be authorised for continued operation		
		Mothutlung	Transfer station	-25	37	13.001	27	46	20	Operational	None	No	G:C:B -	N/A	Transfer station	N/A	N/A	N/A	Should be authorised for continued operation		
	Rustenburg	Hartebeesfontein	Landfill	-25	26	8.0016	27	29	46	Operational	Close to residents	Yes	G:C:B -	2 years	Land filling	No	No	No	To be authorised for closure	Regional site with transfer infrastructure at Phatsima, Monnakato, Hartebeesfontein and Marikana being planned	
		Bethanie	Landfill	-25	33	14	27	36	38	Operational	None	No	G:C:B -	10 years	Land filling	Yes	No	No	Should be authorised for continued operation		
		Monnakato	Landfill	-25	21	25.999	27	16	22	Operational	Close to residents	Yes	G:C:B -	3 years	Land filling	No	No	No	To be authorised for closure		
		Marikana	Landfill	-25	41	40.999	27	28	47	Operational	Yes, within 5km of a water source	Yes	G:C:B -	2 years	Land filling	No	No	No	To be authorised for closure		
	Kgetlengrivier	Koster Dumping site	Phatsima	Landfill	-25	23	53.002	27	1	7	Operational	Close to residents	Yes	G:C:B -	3 years	Land filling	Yes	No	No	To be authorised for closure	Planning for new transfer station to be established
				Landfill	-25	52	6.9996	26	53	30	Operational	Yes, close to residential area	Yes	G:C:B -	3 years	Landfilling	No	Yes	No	To be authorised for closure	
			Landfill	-25	16	28.999	27	14	52	Operational	None	Yes	G: S: B+	2.5 years	Landbuilding, Burning of waste	No	Yes	No	Site to be authorised for closure, new site for Mogwase still to be identified		
Moses Kotane	Mogwase		Landfill	-25	31	49.001	25	48	39	Operational	None	No	G:C:B -	5 Years	Landfilling	No	No	No	Should be authorised for continued operation		
			Landfill	-26	41	16.001	25	27	39	Operational	None	No	G:C:B -	5 Years	Landfilling	No	No	No	Should be authorised for continued operation		
Central	Tswaing	Delareyville	Landfill	-26	31	49.001	25	48	39	Operational	None	No	G:C:B -	5 Years	Landfilling	No	No	No	Should be authorised for continued operation		
		Sannieshof	Landfill	-26	41	16.001	25	27	39	Operational	None	No	G:C:B -	5 Years	Landfilling	No	No	No	Should be authorised for continued operation		
	Mafikeng	No unauthorised sites																			
	Ramotshere Moiloa	Groot Marico	Landfill	-25	35	34.001	26	24	53	Operational	None	No	G:C:B -	5 Years	Landfilling	No	No	No	Should be authorised for continued operation		
		Lehurutshe	Landfill	-25	8	7.0008	25	58	11	Operational	None	No	G:C:B -	5 Years	Landfilling	No	No	No	Should be authorised for continued operation		
	Ratlou Municipality	No unauthorised sites																			
Ditsobotla																			To be authorised for closure, site already closed and waste taken to alternative permitted site		
	Itsoseng	Landfill	-26	4	39	25	52	56	Closed	None	N/A	G:C:B -	N/A	N/A	N/A	N/A	N/A	No			

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Bophirima	Kagisano	No unauthorised sites																		
	Naledi	Stella	Landfill	-26	33	0	24	52	5.999	Operational	Too close to residents	Yes, limited lifetime (5years), too close to houses for operational method (burning)	G.C.B -	5 Years	Land filling, waste burning	No	Yes	None, do not have equipment for proper operation	Site to be authorised for closure, new site for Stella still to be identified	
	Mamusa	Schweizer-Reneke	Landfill	-27	11	30.001	25	19	52	Operational	Yes close to residents	Yes	G.C.B -	2 years	Landbuilding	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
	Greater Taung	Taung	Landfill	-27	31	39	24	46	27	Operational	Yes, close proximity to river	Yes	G.C.B -	10 years	Trench method	No	From time to time	No	To be authorised for closure	Regional site still to be identified for Taung and Pudimoe with transfer infrastructure, application for MIG Funding submitted
		Reivilo	Landfill	-27	33	13	24	10	30	Operational	None	No	G.C.B -	20 years	Haphazard disposal	No	Yes	No	Should be authorised for continued operation	
		Pudimoe	Landfill	-27	24	41	24	42	4	Operational	None	Yes, limited lifetime (1 year)	G.C.B -	2 years	Trench method	Not regularly	Yes	No	To be authorised for closure	
	Molopo	No unauthorised sites																		
	Lekwa-Teemane	Bloemhof	Landfill	-27	38	46	25	36	13	Operational	None	No	G.C.B -	3 years	Landbuilding	No	Yes	No	Should be authorised for continued operation	
		Christiana	Landfill	-27	55	0.9984	25	9	21	Operational	None	No	G.C.B -	5 Years	Landbuilding	No	No	No	Should be authorised for continued operation	
		Uitwanang	Landfill	-27	52	44	25	6	48	Operational	None	No	G.C.B -	5 Years	Landbuilding	No	No	No	Should be authorised for continued operation	
Southern	Ventersdorp	Ventersdorp	Landfill	-26	18	59	26	49	26	Operational	None	No	G.C.B -	7 years	Land filling	Yes	No	No	Should be authorised for continued operation	
	Potchefstroom	No unauthorised sites																		
	Klerksdorp	Jouberton (West)	Landfill	-26	53	33	26	35	50	Closed	Yes, close to residential area	Yes	G.S.B -	N/A	Landbuilding and landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to Klerksdorp permitted site	
		North West Medical Waste	North West Medical Waste Storage Facility	Medical waste storage facility	-26	52	51	26	41	36	Operational	None	No	H.H	6 years	Landfilling	No	No	No	Should be authorised for continued operation
	City of Matlosana	No unauthorised sites																		
	Maquassi Hills	Witpoort	Landfill	-27	10	23.999	26	7	24	Operational	Yes, within 1km from a wetland	Yes	G.C.B -	2 years	Land filling	No	Yes	No	To be authorised for closure, new replacement site still to be identified	
Makwassie		Landfill	-27	18	46.001	25	59	54	Operational	None	No	G.C.B -	30 years	Land filling	No	Yes	No	Should be authorised for continued operation		
Total number of Local Municipalities	21																			
Total number of Metropolitan Municipalities	0																			

WESTERN CAPE MUNICIPALITIES

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
West Coast	Matzikama Municipality	Klawer	Landfill	-31	46	24	18	37	18	Closed	None	Yes	G: C: B-	0	Landfilling	No	No	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Doringbaai	Landfill	-31	49	11	18	14	16	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Lutzville	Landfill	-31	33	13	18	20	45	Operational	None	No	G: C: B-	15 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Ebenhaeser	Landfill	-31	34	54	18	14	41	Operational	None	No	G: C: B-	10 years	Land filling and Land building	No	No	No	Should be authorised for continued operation	
		Strandfontein	Landfill	-31	45	36	18	13	32	Operational	None	No	G: C: B-	15 years	Land filling and Land building	No	No	No	Should be authorised for continued operation	
		Vredendal	Landfill	-31	39	50	18	30	1	Operational	Yes, close to an airport	Yes	G: C: B-	4 years	Land filling and Land building	No	No	No	To be authorised for closure, new replacement site still to be identified	
		Nuwerus	Landfill	-31	8	49	18	21	32	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
	Cederberg Municipality	Wuppertal	Landfill	-32	16	47	19	12	49	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Elandsbaai	Landfill	-32	18	54	18	20	29	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Citrusdal	Landfill	-32	34	57	19	0	43	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
	Berg River Municipality	Pieketberg	Landfill	-32	54	11	18	46	4	Operational	None	Yes	G: C: B-	3 years	Landfilling	Yes	No	No	To be authorised for closure, new replacement site still to be identified	
		Porterville	Landfill	-33	1	23	18	59	43	Operational	None	Yes	G: C: B-	2 years	Landfilling	No	No	No	To be authorised for closure, new replacement site still to be identified	
		Veiddrift	Landfill	-32	46	40	18	9	54	Operational	None	Yes	G: C: B-	2 years	Landfilling	Yes	No	No	To be authorised for closure, new replacement site still to be identified	
		Aurora	Landfill	-32	42	26	18	29	6	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
	Saldanha Bay Municipality	Langebaan	Landfill	-33	4	55	18	2	43	Operational	None	No	G: S: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Saldanha Steel	Landfill	-33	0	48	17	56	43	Operational	None	No	G: L: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
West Coast	Saldanha Bay Municipality	Saldanha	Landfill	-33	0	48	17	56	43	Closed	N/A	N/A	G: M: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
	Saldanha Bay Municipality	Vredenburg	Landfill	-32	54	25	17	59	51	Operational	None	No	G: S: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
	Swartland Municipality	Malmesbury	Landfill	-33	27	40	18	43	38	Operational	None	No	G: S: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Darling	Landfill	-33	22	24	18	23	5	Operational	None	No	G: S: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Moorreesburg	Landfill	-33	8	47	18	39	59	Operational	None	No	G: S: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
Cape Winelands	Witzenberg Municipality	Prince Alfred Hamlet	Landfill, Treatment (Composting)	-33	16	28	19	19	34	Operational	None	No	G: C: B-	5 years	Landfilling	No	No	No	Should be authorised for continued operation	
		Tulbach Garden & Builders Rubble	Landfill, Treatment (Composting)	-33	16	20	19	7	56	Operational	None	No	G: C: B-	5 years	Landfilling	No	No	No	Should be authorised for continued operation	
	Drakenstein Municipality	Saron	Landfill	-33	10	54	19	0	40	Closed	N/A	N/A	G: C: B+	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Gouda	Landfill	-33	18	15	19	2	38	Closed	N/A	N/A	G: S: B+	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Orleans	Landfill	-33	43	51	18	58	29	Closed	N/A	N/A	G: S: B+	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Wellington	Landfill	-33	38	43	18	59	51	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Paarl	Landfill	-33	43	51	18	58		Closed before 29/24 August 1990	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Paarl (2)	Landfill	-33	43	51	18	58		Closed before 29/24 August 1990	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Cape Winelands	Drakenstein Municipality	Simondium	Landfill	-33	49	59	18	57	14	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Donkersvliet	Landfill	-33	43	51	18	58	29	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
Cape Winelands	Stellenbosch Municipality	Franschoek	Landfill	-33	54	51	19	7	34	Closed	N/A	N/A	G: S: B+	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Devonvalley	Landfill	-33	56	13	18	51	36	Operational	None	No	G: M: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Stellenbosch	Landfill	-33	56	13	18	51	36	Closed	N/A	N/A	G: M: B+	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Klapmuts	Landfill	-33	48	17	18	51	51	Closed	N/A	N/A	G: S: B+	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Franschoek Garden refuse	Landfill	-33	54	51	19	7	34	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		De Doorns	Landfill	-33	28	50	19	40	3	Operational	None	Yes	G: C: B+	1 year	Landfilling, Haphazard disposal	No	No	No	To be authorised for closure, Transfer station to be established	
	Breede Vallei Municipality	Touwsrivier	Landfill	-33	20	23	20	1	53	Closed	None	Yes	G: C: B+	0	Landfilling, Haphazard disposal, burning	No	Yes	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Touwsrivier	Transfer station	-33	20	23	20	1	53	Operational	None	No	G: C: B-	N/A	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
		De Doorns	Transfer station	-33	28	50	19	40	3	Preposed	None	No	G: C: B-	N/A	Transfer station	N/A	N/A	No	Should be authorised for establishment and operation	
	Breede River / Winelands Municipality	Ashton	Landfill	-33	50	28	20	5	20	Operational	None	No	G: S: B-	2 years	Landfilling	No	No	No	Should be authorised for continued operation	
		McGregor	Landfill	-33	56	55	19	49	47	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
Overberg	Theewaterskloof Municipality	Grabouw	Landfill	-34	9	14	19	0	54	Operational	None	No	G: S: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Caledon	Landfill	-34	13	43	19	25	60	Operational	None	No	G: C: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Botrivier	Landfill	-34	13	43	19	12	16	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established	
Overberg	Cape Agulhas Municipality	Amiston	Landfill	-34	39	54	20	13	49	Operational	None	No	G: C: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
		Agulhas	Landfill	-34	49	16	20	1	0	Operational	None	No	G: C: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
		Waenhuiskrans	Landfill	-34	40	5	20	13	47	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site		
		Brendasdorp	Landfill	-34	31	55	20	2	43	Operational	None	No	G: S: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
		Napier	Landfill	-34	28	24	19	53	46	Operational	None	No	G: C: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
		Overstrand Municipality	Gansbaai	Landfill	-34	35	15	19	20	57	Closed	N/A	N/A	G: M: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
	Strandford		Landfill	-34	1	30	20	25	32	Operational	Yes within 5km of a water source	Yes	G: C: B-	4 years	Landfilling	No	Yes	No	Site to be authorised for closure, new site still to be identified		
	Hermanus		Landfill	-34	25	7	19	14	20	Closed	None	No	G: S: B+	0	Landfilling	No	No	No	To be authorised for closure, site already closed and waste taken to alternative permitted site		
	Kleinmond		Landfill	-34	20	23	19	1	22	Operational	None	No	G: C: B+	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
	Onrusrivier		Landfill	-34	24	57	19	11	35	Closed	None	No	G: C: B-	0	Landfilling	No	No	No	To be authorised for closure, site already closed and waste taken to alternative permitted site		
	Hawston		Landfill	-34	23	27	19	7	50	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
	Betty's Bay		Landfill	-34	20	56	18	56	7	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
	Struisbaai		Landfill	-34	48	19	20	3	31	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
	Swellendam Municipality		Swellendam	Landfill	-34	1	30	20	26	47	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
			Barrydale	Landfill	-33	54	16	20	42	46	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Suurbrak	Landfill	-34	0	44	20	39	23	Operational	None	No	G: S: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		
		Malgas	Landfill	-34	17	24	20	35	12	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation		

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Overberg	Swellendam Municipality	Cape Infanta	Landfill	-34	25	19	20	51	9	Operational	None	No	G: C: B-	5 years	Landfilling	No	Yes	No	Should be authorised for continued operation	
		Calitzdorp	Landfill	-33	30	10	21	43	53	Operational	None	No	G: C: B-	6 years	Landbuilding	No	Yes	No	To be authorised for continued operation	
Eden	Kannaland Municipality	Van Wyksdorp	Landfill	-33	43	19	21	27	45	Operational	None	No	G: C: B-	2 years	Landbuilding	Yes	No	No	To be authorised for closure, new replacement site still to be identified	
		Mosselbay	Transfer station	-34	10	35	22	2	25	Operational	None	No	G: C: B-	N/A	Transfer station	N/A	No	N/A	To be authorised for continued operation	
	Mossel Bay Municipality	Hartenbos	Transfer station	-34	8	3	22	6	36	Operational	None	No	G: C: B-	N/A	Transfer station	N/A	No	N/A	To be authorised for continued operation	
		Burnsplaas	Landfill	-34	11	10	22	9	19	Operational	None	No	G: C: B-	N/A	Landfilling	No	Yes	No	To be authorised for continued operation	
		Herbertsdale	Landfill	-34	1	3	21	46	30	Operational	None	No	G: C: B-	14 years	Landfilling	No	No	No	To be authorised for continued operation	
		Friemersheim	Landfill	-33	51	18	22	8	21	Operational	None	No	G: C: B-	10 years	Landfilling	No	Yes	No	To be authorised for continued operation	
		Sonskynvallei	Transfer station	-34	6	59	22	5	27	Operational	None	No	G: C: B-	N/A	Transfer station	N/A	No	N/A	To be authorised for continued operation	
		Great Brak	Transfer station	-34	2	17	22	11	17	Operational	None	No	G: C: B-	15 years	Transfer station	N/A	No	N/A	To be authorised for continued operation	
		KwaNonqaba	Transfer station	-34	10	32	22	5	40	Operational	None	No	G: C: B-	N/A	Transfer station	N/A	No	N/A	To be authorised for continued operation	
	Eden DMA	Uniondale	Landfill	-33	38	23	23	6	50	Operational	Yes, close to Kammanassie river	To be closed	G: C: B-	1-2 years	Trench method	No	Yes	No	To be authorised for closure, application for closure submitted, not issued yet, replacement site to be identified	
	George Municipality	No unauthorised sites																		
	Bitou Municipality	No unauthorised sites																		
	Oudtshoorn Municipality	De Rust	Landfill	-33	30	1	22	29	54	Operational	None	No	G: C: B-	5 years	Trench method	Yes	No	No	To be authorised for continued operation	
		Dysselsdorp	Landfill	-33	33	49	22	26	6	Operational	None	No	G: C: B-	20 years	End-tip	No	No	No	To be authorised for continued operation	
	Hessequa Municipality	Albertina	Landfill	-34	12	1	21	34	16	Closed	None	No	G: C: B-	0	Landbuilding	No	No	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Melkhoufontein	Landfill	-34	23	54	21	22	48	Operational	None	No	G: C: B-	8 years	Trench method	No	Yes	No	To be authorised for continued operation, application submitted for continued operation but not issued yet	

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
City of Cape Town	Cape Town	Modderdam	Landfill	-33	56	39	18	35	57	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Athlone (2)	Landfill	-33	57	58	18	30	12	Closed	N/A	N/A	G: M: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Atlantis	Landfill	-33	33	32	18	29	36	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Durbarville	Landfill	-33	50	8	18	39	23	Closed	N/A	N/A	G: M: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Fish Hoek	Landfill	-34	8	14	18	25	42	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Gugulethu	Landfill	-33	58	27	18	33	59	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Klipfontein	Landfill	-33	57	29	18	25	29	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Marme	Landfill	-33	31	0	18	28	37	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Marme(2)	Landfill	-33	31	0	18	28	37	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Marina Da Gama	Landfill	-34	5	17	18	28	53	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Milnerton	Landfill	-33	52	25	18	29	43	Closed	N/A	N/A	G: M: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Status of unauthorised site	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
City of Cape Town	Cape Town	Noordhoek	Landfill	-34	6	7	18	22	34	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Pinelands	Landfill	-33	56	7	18	30	29	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Radnor	Landfill	-33	54	10	18	35	5	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Simonstown	Landfill	-34	11	39	18	25	51	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Somerset West	Landfill	-34	4	16	18	50	43	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Strand	Landfill	-34	6	43	18	49	33	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Strandfontein	Landfill	-31	45	36	18	13	32	Closed	N/A	N/A	G: S: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Swartklip	Landfill	-34	3	46	18	42	45	Closed	N/A	N/A	G: M: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Witsand	Landfill	-34	23	42	20	50	38	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Zandvliet	Landfill	-34	5	31	18	29	7	Closed	N/A	N/A	G: C: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure, site already closed and waste taken to alternative permitted site	
		Durbanville	Transfer station	-33	50	21	18	39	41	Operational	None	No	G: S: B-	Unlimited	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
		Houtbay	Transfer station	-34	1	51	18	21	23	Closed	N/A	N/A	G: C: B-	0	Transfer station	N/A	N/A	No	To be authorised for closure, site phased out	

GAUTENG MUNICIPALITIES

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Status of unauthorised site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Recommendation	Regional site with transfer infrastructure to be established
Ekurhuleni Metropolitan Council	Zinc Corporation of South Africa	Zinc Corporation of South Africa	Storage/ Treatment facility	Operational	-26	18	53.881	28	27	38.58	None	No	H,h	6 years	Landfilling	No	No	No	Should be authorised for continued operation	
	Ekurhuleni Metropolitan Council	Zestontein	Landfill	Proposed	-26	5	2	28	22	13	None	No	G: L: B-	20 years	landfilling, Cell method	Yes	No	Yes	Should be authorised for continued use, EIA in process	
		Verwoerdpark	Landfill	Closed, pre 1990	-26	16	21	28	8	34	None	Yes, phase out	G: L: B-	0	Landfilling	N/A	N/A	No	To be authorised for closure	
		Alberton	Landfill	Closed	-26	15	23	28	7	49	None	already closed	G: L: B-	0	Cell method	N/A	N/A	No	To be authorised for closure, site has been rehabilitated and monitoring is taking place	
		Southern Dumping site	Landfill	Closed	-26	19	22	28	8	20	None	already closed	G: L: B-	0	Cell method	N/A	N/A	No	To be authorised for closure, site rehabilitation in process	
		Deap levels	Landfill	Closed	-26	17	41	28	23	7	None	already closed	G :M: B-	0	Cell method	N/A	N/A	No	To be authorised for closure, site rehabilitation in process	
		Nigel	Landfill	Closed	-26	25	27	28	28	4	None	already closed	G :M: B+	0	Cell method	N/A	N/A	No	To be authorised for closure, site rehabilitation in process	
Wadeville	Landfill	Closed	-26	15	56	28	11	5	None	already closed	G :M: B-	0	Cell method	N/A	N/A	No	To be authorised for closure, site has been rehabilitated and monitoring is taking place			
City Of Tshwane Metropolitan Municipality	ArcelorMittal Works Pretoria	Iscor Dumps	Landfill	Closed	-26	39	11	27	50	8	Yes, not lined according to Min Requirements	already closed	H,H	0	N/A	N/A	N/A	No	To be authorised for closure, site rehabilitation in process	
	City Of Tshwane Metropolitan Municipality	Vaihalia	Landfill	Operational	-25	48	27	28	8	56	Yes,unstable area and within 5km of a water source	Yes	G: L: B-	1.5 years	Landfilling and landbuilding	Yes	No	No	To be authorised for closure, waste to be taken to other permitted Metro landfill site or private permitted Mooiplaats landfill	
		Claudius	Transfer station	Operational	-25	47	34	28	6	42	None, although close to residents (garden refuse)	No	G: C: B-	Infinite	Transfer station	N/A	N/A	Screening	Should be authorised for continued operation	
		Menlo Park Garden Refuse Transfer Station	Garden Refuse Transfer Station	Operational	-25	46	7	28	15	28	None, although close to residents (garden refuse)	No	G: C: B-	Infinite	Transfer station	N/A	N/A	Site is properly screened	Should be authorised for continued operation	
		Dorandia	Transfer Station	Operational	-25	40	4	28	9	16	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	Screening	Should be authorised for continued operation	
		Magalieskruin	Garden Refuse Transfer Station	Operational	-25	41	12	28	13	52	None, although close to residents (garden refuse)	No	G: C: B-	Infinite	Transfer station	N/A	N/A	Screening	Should be authorised for continued operation	
		Mountain View	Transfer Station	Operational	-25	41	48	28	10	31	None, although close to residents (garden refuse)	No	G: C: B-	Infinite	Transfer station	N/A	N/A	Screening	Should be authorised for continued operation	
		Phillip Nel T/S	Transfer Station	Operational	-25	44	14	28	9	3	None, although close to residents (garden refuse)	No	G: C: B-	Infinite	Transfer station	N/A	N/A	Screening	Should be authorised for continued operation	
		Eerste Rust	Transfer Station	Operational	-25	42	23	28	18	31	Yes, within an area with a shallow and/or visible water table	No, special measures in design against possible fatal flaw	G: C: B-	Infinite	Transfer station	N/A	N/A	Properly designed to mitigate any possible fatal flaws	Should be authorised for continued operation	
		Kruger Ave Transfer Station	Transfer Station	Operational	-25	51	27	28	11	9	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
		Derde poort	Landfill	Closed	-25	41	46	28	17	38	Yes, close to Moreleta Spruit	Yes	G: M: B-	0	landfilling and landbuilding	Yes	No	No	To be authorised for closure, site already closed, waste taken to permitted Hatherley landfill site	
		Rooihuiskraal	Transfer station (garden refuse)	Operational	-25	53	29	28	9	13	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No, N/A	Should be authorised for continued operation	
		Walloo	Transfer station	Operational	-25	43	26	28	19	5	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No, N/A	Should be authorised for continued operation	
		Mabopane	Transfer station	Operational	-25	30	4	28	4	30	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No, N/A	Should be authorised for continued operation	
		West Rand District Municipality	Westonaria Local Municipality	Libanon	landfill	Operational	-26	24	26	27	35	26	None	No	G: M: B-	14 years	Landfilling	Yes	No	No
Burgersdal Recycling depot	Recycling depot			Operational	-26	16	56	27	42	25	None	No	G: C: B-	Infinite	Recycling depot	N/A	N/A	No	Should be authorised for continued operation	
First Stop	Transfer Station			Operational	-26	18	40	27	40	29	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Stadium	Transfer Station			Operational	-26	19	35	27	38	15	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Busy Bee	Transfer Station			Operational	-26	19	20	27	39	9	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Venterspost Bazaar	Transfer Station			Operational	-26	16	11	27	37	31	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Thambo	Transfer Station			Operational	-26	17	15	27	41	23	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Uptown	Transfer Station			Operational	-26	17	14	27	42	54	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Silver city	Transfer Station			Operational	-32	11	55	26	48	7	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Burgersdal	Transfer Station			Operational	-26	16	56	27	42	25	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Hill 7	Transfer Station			Operational	-26	21	52	27	39	23	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Simunye	Transfer Station			Operational	-26	19	39	27	41	31	None	No	G: C: B-	Infinite	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Randfontein Local Council	NONE UNAUTHORIZED SITES																			
Merafong Local Municipality	Rooipoort		landfill	Operational	-26	9	7	27	51	34	None	No	G: S: B-	5 years	landfilling and landbuilding	Yes	No	No	Should be authorised for continued operation	
West Driefontein Mine	West Driefontein		Landfill	Closed	-26	23	56	27	25	4	None	Yes, phase out	G: M: B-	0	Land filling	Yes	No	No	To be authorised for closure, site already closed, waste taken to permitted landfill site	
Mogale City (Krugersdorp)	Magaliesburg		Landfill	Operational	-25	59	46	27	32	27	None	Yes	G: C: B-	8 years	Land filling	Yes	No	No	Should be authorised for continued operation	The WRDM is investigating the possibility of a regional landfill site

District Municipality	Local Municipality/ Owner of site	Name of disposal site	Type of disposal site	Status of unauthorised site	Deg_S	Min_S	Sec_S	Deg_E	Min_E	Sec_E	Indication of fatal flaws	Indication whether site should be closed/phased out	Classification of site	Expected lifetime	Method of operation	Waste compacted and covered?	Is waste burned after disposal	Any mitigation measures to prevent pollution/nuisance conditions	Comments / Reccommodation	Regional site with transfer infrastructure to be established
Sediberg	Lesedi Local Municipality	Poortjie Quarry	Landfill	Closed, only accept builders rubble	-26	27	19	27	46	8	Yes, Close to residents	Yes	G: C: B-	0	Landfilling	No	No	No	To be authorised for closure, site already closed, waste taken to permitted landfill site	
		Devon	Landfill	Operational	-26	21	20	28	47	4	None	No	G: C: B-	10 years	Landfilling	No	No	No	Should be authorised for continued operation	
	ArcelorMittal Works Vanderbijlpark	Iscor Van Der Bijlpark	Landfill	Operational	-26	39	11	27	50	8	Yes, within 2km of surface water body, shallow water table	No	H:H	6 years	Landfilling	No	No	No	Should be authorised for continued use	
		Cape Gate (Pty) Ltd	Cape Gate Slag recycling plant	Recyclingplant	Operational	-26	40	0	27	51	42	None	No	H:H	6 years	Landfilling	No	No	No	Should be authorised for continued use
	Samancor Works, Meyerton	Samancor Kookfontein sludge dams	Landfill	Operational	-26	36	0	28	0	51	None	No	H:H	6 years	Landfilling	No	No	No	Should be authorised for continued use	
	Emfuleni Local Council	Waldrift	Landfill	Operational	-26	36	2	27	57	57	Yes, within an unstable area, within 5km of a water source	Yes	G: M: B-	5 years	Land filling	Yes	No	No	Should be authorised for continued operation	
		Boitshepi	Landfill	Operational	-26	40	9	27	51	36	Yes, within 5km of a water source	Yes	G: M: B-	5 years	Land filling	Yes	No	No	Should be authorised for continued operation	
		Palm Springs	Landfill	Operational	-26	30	39	27	51	22	None	No	G: S: B-	20 years	Land filling	Yes	No	No	Should be authorised for continued operation	
		Kwaggastroom	Landfill	Closed	-26	34	28	27	48	45	None	Yes	G: S: B-	0	Land filling	No	No	No	To be authorised for closure, site already closed, waste taken to permitted landfill site	
		Roshasia	Transfer station	Operational	-26	34	7	27	56	32	None	No	G: C: B-	15 years	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
		Springbok Avenue	Transfer station	Operational	-26	41	33	27	55	3	None	No	G: C: B-	15 years	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
		Arcon park	Transfer station	Operational	-26	37	58	27	56	28	None	No	G: C: B-	15 years	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
		Sonlandpark	Transfer station	Operational	-26	36	48	27	54	13	None	No	G: C: B-	15 years	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
	ArcelorMittal Works Vereeniging	Vaal waste site; Klip waste site	Landfill	Closed, not rehabilitated	-26	41	17	27	55	52	Yes, within 30m from Klip river	Yes, phase out	H:H	0	Landfilling	No	No	No	To be authorised for closure, waste taken to Holfontein Class H:H site	
	Everite	Everite	Landfill	Operational	-26	17	35	28	13	42	Yes, not lined according to Min Requirements	No	H:h	6 years	Landfilling	No	No	No	Should be authorised for continued operation	
	Midvaal Local Municipality	Henley-on-Klip	Landfill	Operational	-26	32	24	28	3	38	Yes, within an unstable area	Yes	G: S: B-	2.5 years	Land filling	Yes	No	No	To be authorised for closure, new replacement site still to be identified	
		Randvaal	Landfill	Operational	-26	30	7	28	4	32	None	No	G: L: B-	6 years	Landfilling and landbuilding	No	No	No	Should be authorised for continued operation	
		Vaalmarina	Landfill	Operational	-26	53	52	28	12	35	Yes, within 100m of a source of surface water	Yes	G: C: B-	2.5 years	Land filling		No	No	To be authorised for closure, new replacement site still to be identified	
		Galloway Street	Transfer station	Operational	-26	33	35	28	1	9	None	No	G: M: B-	8 years	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
		Blackwood Street	Transfer station	Operational	-26	39	6	28	0	0	None	No	G: M: B-	8 years	Transfer station	N/A	N/A	No	Should be authorised for continued operation	
Kliprivier		Transfer station	Operational	-26	25	12	28	5	15	None	No	G: C: B-	5 years	Transfer station	N/A	N/A	No	Should be authorised for continued operation		
Walkerville/ De Deur		Landfill	Operational	-26	25	13	27	57	18	None	Yes	G: S: B-	5 years	Land filling	Yes	No	No	To be authorised for closure, to be phased out with the identification of a new site (as indicated by municipality)		
Metsweding District Municipality	Nokeng Tsa Taimane Local Municipality	Rayton	Landfill	Closed	-25	44	18	28	31	57	None	No	G: C: B-	0	N/A	N/A	N/A	No	To be authorised for closure, site already closed, waste taken to permitted landfill site	
		Zonderwater (Cullinan Prison)	Landfill	Closed	-25	40	4	28	31	57	None	Yes, phase out	G: C: B-	0	Land filling	N/A	N/A	No	To be authorised for closure, site already closed, waste taken to permitted landfill site	
		Gundani	Landfill	Operational	-22	39	19	30	34	2	None	No	G: C: B-	5 years	Land filling and land building	No	Yes	No	Should be authorised for continued operation	
	Kungwini Local Municipality	Ekandustria	Landfill	Operational	-25	41	25	28	42	18	None	No	G: C: B-	6 years	Land filling and land building	No	No	No	Should be authorised for continued operation	
City Of Johannesburg Metropolitan	City Of Johannesburg	Soweto Mapetta	Landfill	Closed, pre 1990	-26	15	10	27	52	42	None	already closed	G: L: B-	0	Closed and rehabilitated	N/A	N/A	No	To be authorised for closure, closed pe 1990	
		Clayville	Landfill	Closed	-25	57	13	28	13	21	None	already closed	H:h	0	Closed and rehabilitated	N/A	N/A	No	To be authorised for closure	
		Waterval	Landfill	Closed, pre 1990	-26	9	56	27	58	60	None	already closed	G: L: B-	0	Closed and rehabilitated	N/A	N/A	No	To be authorised for closure, closed pe 1990	
		Honeydew	Landfill	Closed	-26	4	45	27	55	37	None	already closed	G: L: B-	0	Closed and rehabilitated	N/A	N/A	No	To be authorised for closure, ROD issued by GDACE	
		Northern Works	Landfill	Proposed	-25	58	34	28	0	43	None	No	G: L: B-	20 years	Cell method	N/A	N/A	No	Should be authorised for continued use	
		FG Dump site	Landfill	Proposed	-26	13	24	28	3	3	None	No	G: L: B-	20 years	Cell method	N/A	N/A	No	Should be authorised for continued use, EIA in process	
		Genesis	Landfill	Operational	-26	14	10	28	2	23	None	No	G: M: B-	6 years	Landfilling	No	No	No	Should be authorised for continued operation	
		Ennerdale	Landfill	Operational	-26	26	3	27	51	39	None	No	G: L: B-	11 years	Land filling and land building	Yes	No	No	Should be authorised for continued operation	
Total number of Local Municipalities		9																		
Total number of Metropolitan Municipalities		3																		

APPENDIX E

Additional Information of Unauthorised Industrial Disposal Sites

**LIST OF UNAUTHORISED INDUSTRIAL HAZARDOUS WASTE DISPOSAL
SITES IN SOUTH AFRICA**

1. **Brugspruit** (Class H:h)

Site is operational

Location:

Witbank industrial area

Owner of the site:

Department of Water Affairs and Forestry
Private Bag x313
PRETORIA
0001

Contact Person: Mr Nellis Swiegelaar Tel : (012) 336-7508

Type of facility:

Waste disposal site for the disposal of waste sludge which is generated in the treatment of both high TDS and low TDS mine drainage systems.

Size of facility:

150 000 m³ Capacity of ponds
2 Hectare

Fatal flaws:

Shallow ground water, (ground water polluted due to mining activities in vicinity)
Within 100m of surface water body.

Mitigation measures

Site is lined in accordance with Class H:h Minimum Requirements

2. ArcelorMittal Vereeniging Works Site (Class H:H)

Sites are not operational, closed, but not rehabilitated

Name of sites

Vaal Waste Disposal Site

Klip Waste Site

Location:

Klip Waste Site is located at ArcelorMittal Vereeniging Works in Duncanville Industrial Area. Klip river is located 30m from the toe of the Site. Co-ordinates were not available.

Owner of the site:

ArcelorMittal Vereeniging Works

Contact Person: Mrs Lihle Sibiyi; Tel (016) 450 4050 or 083 442 9463 or Pat Mokoena 016 450 4004 or 083 384 3434

Type of facility:

Both sites were used for Industrial Waste disposal (Hazard Rating I and II), but both not operational and will be rehabilitated.

Size of facility:

Vaal Waste Disposal Site is fenced off and encompasses approx 25 hectares, and waste body approx 13 hectares.

Klip Waste Site is fenced off (approx 30 hectares) but the actual waste body is approx 9 hectares.

Fatal flaws:

The Klip river is located 30m from the toe of the Klip waste disposal site.

Vaal Waste Disposal Site has the Vaal river flowing approx 1500m from its closest point.

Mitigation measures

None

Historical of both +site not lined in accordance with Minimum Requirements

3. ArcelorMittal Van Der Bijlpark (Class H:H)

Site is operational

Location:

Iscor plant in Van der Bijlpark

Owner of the site:

South African Iron and Steel Industrial Corporation Ltd
P.O. Box 450
PRETORIA
0001

Contact Person: Mr Johan Hatting; Tel (016) 988 2612 or 083 304 0331

Type of facility:

Existing site for the disposal of industrial hazardous waste from the Iscor plant.

Size of facility:

15 Hectare

Fatal flaws:

Yes, within 2km of surface water body, shallow ground water table

Mitigation measures

None

Historical site not lined in accordance with Minimum Requirements

4. Assmang Chrome Machadodorp (Class H:H)

Site is operational

Location:

The co-ordinates of the ASSMANG plant are:

- ◆ Latitude : 25°42'52" S.
- ◆ Longitude: 30°13'15" E.

Owner of the site

Assmang Chrome
P.O. Box 152
MACHADODORP
1170

Contact Person: Joe Schoeman; Tel 0823734875

Type of facility:

Existing Assmang Slag dump in Machadodorp, to be authorised for continued operation with a view to closure. Application is for Slag, resulting from the process, by dumping on land and run-off from slag dumps contained in a dam and evaporated. Disposal of 1735 tons/day of slag classified as Hazard Rating 1, thus Class H:H site.

Size of facility:

12 Hectare

Fatal flaws:

The existing slag disposal site has not had a significant negative effect on the environment to date and no future detrimental affects are anticipated

Mitigation measures

Once completely capped and rehabilitated the existing slag disposal site should not pose any environmental threat as all appropriate and adequate design and monitoring measures have and will be put in place to protect the receiving environment

5. Assmang Manganese Cato Ridge Works (Class H:H)

Site is operational

Site Location

Latitude: 29⁰ 42' 46" S
Longitude: 30⁰ 36' 54" E

Owner of the site

Physical Address

Assmang Manganese Cato Ridge Works
Eddie Hagan Drive
Cato Ridge
3680

Postal Address

P. O. Box 21
Cato Ridge
3680

Contact person:

Senior General Manager: Princess Thwala
Contact No: 031 782 5002

Type of facility

The smelting operation produces a molten mixture of high or medium carbon ferromanganese products and slag, which is tapped from the furnaces into ladles. The slag is transported to existing slag dump. The existing dump (which covers 15ha) is unlined and there is no formal drainage system to capture run-off or leachate generated. The ferromanganese is poured off for cooling in shallow moulds, after which the slag is decanted for cooling and dumped.

Size of the facility

The footprint of the existing facility is approximately 15 ha. The expanded dump will be 42 ha in footprint.
The EIA, subsequent RoD and permit application include both the existing and expanded dump.

Approximately 600 tons dumped per day.

6. Samancor Kookfontein Class H:H sludge dams

Site is operational

Location:

Samacor Kookfontein Plant, Meyerton

Owner of site:

Samancor Works
P.O. Box 66
MEYERTON
1960

Contact person: Mr G. Dippenaar Tel: (016) 360 2635

Type of facility:

Sludge dams for the disposal of sludge from the Samancor plant
Waste has been classified as Hazard Rating 1.

Size of facility:

5 Hectare

Fatal flaws:

None

Mitigation measures

None

Historical site not lined in accordance with Minimum Requirements

7. Samancor Ferrochrome Slag Facility Tubatse (Class H:H)

Site is operational

Location:

Samancor Ferrometals Plant in Witbank

Site 1: Latitude	24 ⁰ 44' 44.8"	Longitude:	30 ⁰ 11' 50.8"
Site 2: Latitude	24 ⁰ 44' 32.9"	Longitude:	30 ⁰ 12' 16.5"
Site 3: Latitude	24 ⁰ 44' 35.3"	Longitude:	30 ⁰ 12' 25.1"

Owner of the site

Samancor Tubatse Ferrochrome
P.O. Box 46
STEELPOORT
1133

Contact Person: Ms Hether Booysen; Tel: 0824173889 or 013 249 4476
Mr John Botha; Tel 079 4793583

Type of facility:

Existing Samancor Slag dump in Steelpoort, to be authorised for continued operation.
Disposal of 1100 tons/day of slag.

Size of facility:

Site 1: 15.3 hectares
Site 2: 11.1 hectares
Site 3: 4.7 hectares

Fatal flaws:

None

Mitigation measures

Special design measures to be implemented for continued operation/upgrade.
Site classification accepted by DWAF as Hazard Rating 2.

Application submitted to DEAT in 2007.

8. Peacock Bay Hazardous Treatment Facility: Sasolburg (Class H:H)

Proposed site

Location:

Latitude 26⁰ 49' S Longitude: 27⁰ 51' E
Sasolburg

Owner of site:

Peacock Bay Environmental Services Pty (Ltd)
26 Palmyra Road
CLAREMONT
7700

Contact person: Michael Cosmos Tel: (021) 674 4986

Type of facility:

Storage of hazardous waste before treatment, 218 tons/day. Treatment of Hazard Rating 1 waste, thus Class H:H facility

Size of facility:

2.8 ha

Fatal flaws:

None, but public opposition against establishment of site

Mitigation measures

Properly designed storage/treatment facility inside building

Permit application has been submitted to DWAF in March 2002

9. Samancor Middelburg Ferrochrome Slag Facility (Class H:H)

Site is operational

Location:

Samancor Ferrochrome Plant in Middelburg
Latitude 25⁰ 48' 44" Longitude: 29⁰ 29' 37.0"

Owner of the site

Samancor: Middelburg Ferrochrome
Private Bag X 251846
MIDDELBURG
1050

Contact Person: Ms Hether Booysen; Tel: 0824173889 or 013 249 4476
Mr. Bennie Smith; Tel: (013) 249 4420

Type of facility:

Existing Samancor Slag dump in Middelburg, to be authorised for continued operation. Disposal of 1200 tons/day of slag classified as Hazard Rating 2, thus Class H:H facility.

Size of facility:

38.5 Hectare

Fatal flaws:

Yes, within an area with a shallow and/or visible water table.

Mitigation measures

Special design measures to be implemented for continued operation/upgrade.

Permit application in process

10. Cape Gate Slag recycling plant (Class H:H storage facility)

Site is operational

Location:

Nobell Boulevard, Cape Gate Plant, Van der Bijl Park

Owner of the site

Cape Gate (Pty) Ltd
P.O. Box 54
VANDERBIJLPARK
1900

Contact Person: Mr Geoff Holmes; Tel number: (016) 980 2342

Type of facility:

Storage of slag before entering the treatment plant for recycling purposes of the slag, reclaiming steel

Size of facility:

1 Hectare

Fatal flaws:

None

Mitigation measures

Properly designed Class H:H storage facility (Designed in accordance with Minimum Requirements)

11. Samancor Chrome Slag Facility Witbank(Class H:H)

Site is operational

Location:

Samancor Ferrometals Plant in Witbank
Latitude 25⁰ 50' 55" Longitude: 29⁰ 10' 39.2"

Owner of the site

Samancor Chrome Ferrometals
Private Bag X 7228
EMALALHENI
1035

Contact Person: Ms Hether Booysen; Tel: 0824173889 or 013 249 4476
Mr Johann Kirsten: Tel (013) 693 7253

Type of facility:

Existing Samancor Slag dump in Witbank, to be authorised for continued operation.
Disposal of 1500 tons/day of slag. The slag is classified as Hazard Rating 2, thus
Class H:H site

Size of facility:

23.5 Hectare

Fatal flaws:

Yes, site located within an unstable area, and within an area with a shallow and/or
visible water table

Mitigation measures

Special design measures to be implemented to prevent further pollution.

Permit application submitted to DEAT in 2007

12. Zinc Corporation of South Africa (Copper/Cobalt/Cadmium storage facilities)(Class H:h)

Site is operational

Location:

Plover street, Struisbult, Springs

Owner of the site

Zinc Corporation of South Africa
P.O. Box 218
SPRINGS
1560

Contact Person: Mr Vinny Moodley; Tel: (011) 812 9652

Type of facility:

Storage facility for Copper/Cobalt and Cadmium before introducing it into plant for extracting zinc

Size of facility:

0.3 Hectare

Fatal flaws:

None

Mitigation measures

Properly designed facility

13. North West Medical Waste Storage Facility (Class H:H)

Operational site

Location:

Located adjacent to Kleksdorp Class G waste disposal site

Owner of site:

North West Medical Waste
P.O. Box 2058
KLERKSDORP
2570

Contact Person: Mr George Fourie; Tel (018) 462 0841

Type of facility:

Storage facility for medical waste before incineration

Size of facility:

N/A, Storage inside building,

Fatal flaws:

None

Mitigation measures

Properly designed storage facility for cooling

14. Anti-Waste Drum Reconditioning and Processing Facility (Class H:h)

Site is operational

Location:

Buick Avenue, Markman Township, Port Elizabeth

Owner of the site

Pumelela Drum Reconditioners
P.O. Box 22625
PORT ELIZABETH
6000

Contact Person: Bishnu Row, Tel: (041) 4611180

Type of facility:

Drum Recycling and Processing Facility

Size of facility:

3 Hectare

Fatal flaws:

None

Mitigation measures

Burned in furnace, blasted and painted

15. Ngodwana Mill: Spent Lime Dams (Class H:H)

Site is operational

Location:

Ngodwana Mill, 30 km from Nelspruit on N4

Owner of the site

Sappi Forest Products: Ngodwana Mill
Private Bag X1001
NGODWANA
1209

Contact Person: Mr Arthur Estment; Tel: (013) 734 4585

Type of facility:

Authorisation required for Spent Lime Dams at Ngodwana Mill. Waste is classified as Hazard Rating 1, thus Class H:H site

Size of facility:

5 Hectare

Fatal flaws:

None

Mitigation measures

None