




DEPARTEMENT VAN WATERWESE EN BOSBOU
DEPARTMENT OF WATER AFFAIRS AND FORESTRY
LEFAPHA LA METSI LE DIKGWA
UMNYANGO WEZAMANZI NEZAMAHLATHI

RESIDENSIEGEBOU/BUILDING, SCHOEMANSTRAAT 185 SCHOEMAN STREET, PRETORIA



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PRETORIA
0001



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16/2/7/G203/D16/Z1 

PERMIT NUMBER: 16/2/7/G203/D16/Z1/P331
CLASS: G:M:B⁺
WASTE DISPOSAL SITE: STELLENBOSCH MUNICIPALITY
LOCATION: PORTION 2 OF THE FARM MORGENSTER 203,
REMAINDER OF THE FARM 183, REMAINDER OF THE
FARM VELDWAGTERS RIVER OUTSPAN 280, DISTRICT
OF STELLENBOSCH.
PERMIT HOLDER: STELLENBOSCH MUNICIPALITY
ADDRESS: P.O. BOX 17, STELLENBOSCH, 7599.

PERMIT IN TERMS OF SECTION 20 OF THE ENVIRONMENT CONSERVATION ACT,
1989 (ACT 73 OF 1989)

By virtue of the powers delegated to me by the Minister of Water Affairs and Forestry (hereinafter referred to as "the Minister"), I, Barbara Gay Schreiner, in my capacity as Chief Director: Water Use and Conservation in the Department of Water Affairs and Forestry (hereinafter referred to as "the Department"), hereby, in terms of section 20(1) of the Environment Conservation Act, 1989 (Act 73 of 1989), authorise the abovementioned Permit Holder to further develop and operate the abovementioned waste disposal site, subject to the conditions specified herein.

PERMIT CONDITIONS

In this Permit, "Regional Director" means the Regional Director: Western Cape of the Department who may be contacted at the address below:

Regional Director: Western Cape
Department of Water Affairs and Forestry
Private Bag X16
SANLAMHOF
7532

1. LOCATION

1.1 This Permit authorises the further development and operation of a waste disposal site on Portion 2 of the farm Morgenster 203, Remainder of the farm 183, Remainder of the farm Veldwagtersriver Outspan 280, District of Stellenbosch (hereinafter referred to as "the Site") according to the

report by Entech Consultants dated May 1996 (hereinafter referred to as "the Report"), submitted by the Permit Holder.

The boundaries of the Site shall be as indicated on figure 12.1, Site Development and Design report dated June 1997, submitted by the Permit Holder.

2. PERMISSIBLE WASTE

- 2.1 The Site may be used for the disposal of all waste types, excluding those listed in Annexure I and excluding those where specific control has been established in terms of the Nuclear Energy Act, 1993 (Act 131 of 1993). Waste types controlled in terms of the Minerals Act, 1991 (Act 50 of 1991) and the Electricity Act, 1987 (Act 41 of 1987) are also excluded from disposal on the Site unless written permission has been obtained from the Regional Director.
- 2.2 The Permit Holder shall take all reasonable steps to ensure that -
 - 2.2.1 no organic or inorganic element or compound which may have a definite acute or chronic negative effect on human or animal health and/or the environment, due to its toxic, physical, chemical or persistent characteristics and which corresponds with the UNEP definition of hazardous waste be disposed of on the Site;
 - 2.2.2 no medical waste be disposed of on the Site; and
 - 2.2.3 no scheduled pharmaceutical products registered in terms of the Medicines and Related Substances Control Act, 1965 (Act 101 of 1965) or associated containers be disposed of on the Site.

3. CONSTRUCTION

- 3.1 The Site or any portion thereof may only be used for the disposal of permissible waste if the Site or any such portion has been constructed or developed according to condition 3 of this Permit.
- 3.2 The construction and further development within the Site shall be in accordance with the site design and development plan dated June 1997, letter dated 5 November 1998 (Entech consultants) and the final engineering plans to be submitted within two months from the date of the issuing of this permit.
- 3.3 The construction of further developments within Cell 2 can only be undertaken by the Permit Holder after the specified engineering plans have been provided to and approved by the Regional Director according to condition 3.2.
- 3.4 Construction and further development within the Site shall be carried out under the supervision of a suitably qualified

person proposed by the Permit Holder and approved by the Regional Director.

- 3.5 After construction of the Site or further development within the Site, the Permit Holder shall notify the Regional Director thereof before disposal may commence on the Site. The completed construction works of the Site shall be inspected by an official of the Department and the person referred in condition 3.4. If the Regional Director is satisfied with the construction of the Site or any further development within the Site and has given written permission, the Permit Holder may use the Site or any further development within the Site for the disposal of waste.
- 3.6 The Permit Holder shall take all reasonable steps, such as suitable zoning and/or written agreements with adjacent landowners, to prevent the development of further residential and/or light industrial areas closer to the Site than any existing residential areas during the operative life of the Site. Heavy industries or industries which may create nuisance conditions may be permitted within the buffer zone in terms of the appropriate legislation.
- 3.7 Works shall be constructed and maintained on a continuous basis by the Permit Holder to divert and drain from the Site in a legal manner, all runoff water arising on land adjacent to the Site, which could be expected as a result of the estimated maximum precipitation during a period of 24 hours with an average frequency of once in fifty years (hereinafter referred to as the "estimated maximum precipitation"). Such works shall, under the said rainfall event, maintain a freeboard of half a metre.
- 3.8 Works shall be constructed and maintained on a continuous basis by the Permit Holder to divert and drain from the working face of the Site, all runoff water arising on the Site, which could be expected as a result of the estimated maximum precipitation and to prevent such runoff water from coming into contact with leachate from the Site. Such works shall, under the said rainfall event, maintain a freeboard of half a metre.
- 3.9 Runoff water referred to in condition 3.8 shall comply with the quality requirements of the General Standard, prescribed in terms of section 21(1)(a) of the Water Act, 1956 as published in Government Notice 991 of 18 May 1984, or with such quality requirements as may from time to time be determined by the Minister and shall be drained from the Site in a legal manner.
- 3.10 Runoff water referred to in condition 3.8 which does not comply with the quality requirements applicable in terms of condition 3.9 and all leachate shall, by means of works which shall be constructed and maintained on a continuous basis by the Permit Holder -
 - 3.10.1 be discharged into any convenient sewer if accepted by the authority in control of that sewer; and/or,

- 3.10.2 be treated to comply with the aforementioned standard and discharged in a legal manner; and/or,
- 3.10.3 with the written approval of the Regional Director be evaporated in dams and/or be evaporated by spraying over those portions of the Site which comply with the requirements set in terms of condition 3.1.
- 3.11 Works constructed in compliance with condition 3.10 shall be of such a capacity as to accommodate all runoff and leachate which could be expected as a result of the estimated maximum precipitation. Such works shall, under the said rainfall event, maintain a freeboard of half a metre.
- 3.12 The Site shall be constructed in accordance with recognised civil engineering practice to ensure that it remains stable.
- 3.13 The maximum height of the Site above ground level shall not exceed 16 metres (Drawing no.137 120/009, dated June 1997).
- 3.14 The slope of the sides of the Site shall be constructed in such a manner that little or no erosion occurs.
- 3.15 The Permit Holder shall make provision for adequate sanitation facilities on the Site.

4. ACCESS CONTROL

- 4.1 Weatherproof, durable and legible notices in three official languages applicable in the area, shall be displayed at each entrance to the Site. These notices shall prohibit unauthorised entry and state the hours of operation, the name, address and telephone number of the Permit Holder and the person responsible for the operation of the Site.
- 4.2 The Site shall be fenced to a minimum height of 1,8 metres, with gates of the same height at all entrances, to reasonably prevent unauthorised entry and curtail the spreading of wind-blown paper and plastic materials.
- 4.3 The Permit Holder shall take all reasonable steps to maintain service roads in a condition which ensures unimpeded access to the Site for vehicles transporting waste and to keep the roads free of waste.
- 4.4 The Permit Holder shall ensure that all entrance gates are manned during the hours of operation and locked outside the hours of operation.
- 4.5 The Permit Holder shall ensure effective access control.
- 4.6 The Permit Holder shall take all reasonable steps to prevent the disposal of waste on the Site for which the Site has not been approved.
- 4.7 The Permit Holder shall submit a report detailing the traffic flow pattern from both the Devon Valley and Adam Tas roads within two months from the date of issuing of this Permit.

5. OPERATION

- 5.1 Waste disposal and operation shall be done according to the relevant minimum requirements, the Operational Report dated February 1998, the conditions of this Permit and any other written instruction by the Department.
- 5.2 Waste disposed of on the Site shall be compacted and covered on a daily basis with a minimum of 150 millimetres of soil or other material approved by the Regional Director.
- 5.3 The Permit Holder shall take all reasonable steps to ensure that the Site is operated in a manner which shall prevent the creation of nuisance conditions or health hazards.
- 5.4 The Permit Holder shall make use of moveable fences to control wind-blown waste.
- 5.5 The Permit Holder shall apply sufficient dust control measures to prevent wind-blown dust from causing nuisance conditions or health hazards.
- 5.6 Waste disposed of on the Site may be reclaimed. The reclamation activity shall not interfere with the daily operational activities of the Site.
- 5.7 The Permit Holder shall keep a record of the volume and nature of the waste materials which are reclaimed and report this on an annual basis to the Regional Director.
- 5.8 The Permit Holder shall submit a comprehensive plan within one month from the date of issuing of this Permit, outlining the time frames for site upgrading and monitoring. This plan must indicate how -
- 5.8.1 visual impacts (tree planting and berm construction);
 - 5.8.2 daily cover and stockpiling;
 - 5.8.3 access and traffic Control; and
 - 5.8.4 leachate and a surface water monitoring network
- will be addressed within a maximum time period of six months. (implementation period)

6. MONITORING

- 6.1 Gas monitoring
- 6.1.1 The Permit Holder shall implement adequate measures to the satisfaction of the Regional Director, to ventilate or to prevent lateral migration of methane gas generated in the waste disposal area within the Site so that the build-up of dangerous concentrations is prevented.
- 6.1.2 The concentration, by volume in air at Standard Temperature and Pressure, of flammable gas and carbon dioxide shall not

exceed 1% and 0.5% respectively in gas monitoring boreholes or other monitoring devices surrounding the waste body within the Site.

- 6.1.3 The measurements for condition 6.1.2 shall be taken on a three-monthly basis from gas monitoring boreholes or any other monitoring devices approved by the Regional Director which shall be at least one metre deeper than the deepest point of the waste body.
- 6.1.4 Should measurements at these boreholes or devices transgress the limits set in condition 6.1.2, the Permit Holder shall immediately notify the Regional Director and initiate a more frequent gas monitoring programme as prescribed by the Regional Director.
- 6.1.5 The concentration of flammable gas in the atmosphere inside buildings on the Site shall not exceed 1% by volume in air, at Standard Temperature and Pressure. If the atmospheric levels are found to be between 0.1% and 1%, regular monitoring shall be instituted. If levels above 1% are detected, the buildings shall be evacuated or trained personnel shall be consulted.
- 6.2 Post-closure gas monitoring
 - 6.2.1 Gas monitoring by the Permit Holder as described in condition 6.1 shall continue after closure for a period of two years, or such longer period as may be determined by the Regional Director.
 - 6.2.2 The Permit Holder shall also initiate a six-monthly gas monitoring programme where measurements are taken from gas monitoring boreholes or any other monitoring devices approved by the Regional Director, situated within the waste body, until the limits set in condition 6.1.2 are met over a two year period.
- 6.3 Water monitoring
 - 6.3.1 A monitoring borehole network for the Site shall be established and maintained by the Permit Holder according to the Report and to the satisfaction of the Regional Director so that unobstructed sampling, as required in terms of this Permit, can be undertaken.
 - 6.3.2 Monitoring boreholes shall be equipped with lockable caps. The Department reserves the right to take water samples at any time and to analyse these samples or have them analysed.
 - 6.3.3 Surface water monitoring shall be performed in all stormwater drains on and adjacent to the Site at locations selected in conjunction with the Regional Director and at a frequency as determined by the Regional Director.
 - 6.3.4 Treated leachate discharged into a water course shall be monitored and the standards, parameters and sample frequency of monitoring shall be determined and from time to time be adjusted by the Chief Director: Water Use and Conservation.

6.4 Background monitoring

6.4.1 Samples from the borehole where the groundwater in the borehole is at an expected higher hydraulic pressure level than the hydraulic pressure level of the groundwater under the Site, shall be considered as background monitoring. Background groundwater monitoring shall be conducted during each monitoring occasion in terms of conditions 6.5, 6.6 or 6.7 for the water quality variables listed in Annexure II.

6.5 Detection monitoring

6.5.1 Monitoring shall be conducted within 3 days of 15 January and 15 July of each year for the water quality variables listed in paragraph (a) of Annexure III and annually within 3 days of 15 July for the variables listed in paragraph (b) of Annexure III.

6.6 Investigative monitoring

6.6.1 If, in the opinion of the Regional Director, a water quality variable listed under the detection monitoring programme, as referred to in condition 6.5, shows an increasing trend, the Permit Holder shall initiate a monthly monitoring programme for the water quality variables listed in Annexure II.

6.7 Post-closure monitoring

6.7.1 Groundwater monitoring by the Permit Holder, in accordance with condition 6.5 or 6.6, shall commence immediately upon closure of the Site and be maintained for a period of 30 years, or such lesser period as may be determined by the Regional Director.

6.8 Further investigations

If, in the opinion of the Regional Director, groundwater, surface water and/or air pollution have occurred or may possibly occur, the Permit Holder shall conduct the necessary investigations and implement additional monitoring and rehabilitation measures which shall be to the satisfaction of the Regional Director.

7. AUDITING

7.1 Internal audits

7.1.1 Internal audits must be conducted quarterly by the Permit Holder and on each audit occasion an official report must be compiled by the relevant auditor to report the findings of the audits, which must be made available to the external auditor specified in condition 7.2.1 and the Department, according to conditions 7.3.2 and 11.2.2.

7.2 External audits

7.2.1 The Permit Holder must appoint an independent external auditor to audit the Site annually and this auditor must

compile an audit report documenting the findings of his audit, which must be submitted by the Permit Holder according to condition 11.2.2.

- 7.2.2 The audit report must specifically state whether conditions of this Permit are adhered to and must include an interpretation of all available data and test results regarding the operation of the Site and all its impacts on the environment.
- 7.2.3 The audit report must contain recommendations regarding non-compliance or potential non-compliance and must specify target dates for the implementation of the recommendations by the Permit Holder.
- 7.3 Departmental audits and inspections
 - 7.3.1 The Department reserves the right to audit and/or inspect the Site at any time and at such a frequency as the Regional Director may decide, or to have the Site audited or inspected.
 - 7.3.2 The Permit Holder must make any records or documentation available to the Regional Director upon request, as well as any other information the Regional Director may require.
 - 7.3.3 The findings of these audits or inspections shall be made available to the Permit Holder within 60 days of the end of the audit or inspection and shall not be treated as confidential.

8. MONITORING COMMITTEE

- 8.1 The Permit Holder must establish a Residents Monitoring Committee within three months from the date of the Permit.
- 8.2 The Permit Holder must take all reasonable steps to maintain and ensure the continued functioning of the Residents Monitoring Committee (in this Permit referred to as the "Monitoring Committee") for the normal operative lifetime of the Site and for a period of at least two years after the closure of the Site, or such longer period as may be determined by the Director.
- 8.3 The Monitoring Committee shall be representative of relevant interested and affected persons and may consist of at least the following persons:
 - 8.3.1 Permit Holder and/or his appointed consultant(s) or advisor(s);
 - 8.3.2 representative(s) of the Health, Environment and/or Waste Departments of the relevant local authority;
 - 8.3.3 representative(s) of this Department;
 - 8.3.4 representative(s) of the Provincial Government responsible for waste management and environmental functions; and

- 8.3.5 at least 3 (three) persons/parties, or their representatives elected by the local residents.
- 8.4 The Monitoring Committee shall meet at least once every four months and not later than 30 days after the external audit report specified in condition 7.2 has been submitted according to condition 11.2.2.
- 8.5 The Permit Holder must keep minutes of all meetings of the Monitoring Committee and distribute these minutes to all members of the Monitoring Committee within 14 days after the meeting.

9. METHODS OF ANALYSIS

- 9.1 The Permit Holder shall carry out all tests in accordance with methods prescribed by and obtainable from the South African Bureau of Standards (SABS), referred to in the Standards Act, 1982 (Act 30 of 1982), to analyse the samples taken under the monitoring programmes specified in condition 6.
- 9.2 The Permit Holder shall only use another method of analysis if written proof that the method is at least equivalent to the SABS method, is submitted to the Regional Director.

10. RECORDING

- 10.1 The Permit Holder shall keep a record of and update all the information referred to in Annexure IV on an annual basis.
- 10.2 The Permit Holder shall record all borehole data and chemical analyses in the format depicted in Annexure V.

11. REPORTING

11.1 Reporting of incidents

- 11.1.1 The Permit Holder must, within 24 hours, notify the Regional Director of the occurrence or detection of any incident on the Site, or incidental to the operation of the Site, which has the potential to cause, or has caused water pollution, pollution of the environment, health risks or nuisance conditions.
- 11.1.2 The Permit Holder must, within 14 days, or a shorter period of time, if specified by the Regional Director, from the occurrence or detection of any incident referred to in condition 11.1.1, submit an action plan, which must include a detailed time schedule, to the satisfaction of the Regional Director of measures taken to -
 - (a) correct the impact resulting from the incident;
 - (b) prevent the incident from causing any further impacts; and
 - (c) prevent a recurrence of a similar incident.

- 11.1.3 In the event that measures have not been implemented within 21 days to address impacts caused by the incident referred to in condition 11.1.1, or measures which have been implemented are inadequate, the Regional Director may implement the necessary measures at the cost and risk of the Permit Holder.
- 11.1.4 The Permit Holder must keep an incident report and complaints register, which must be made available to both external and Departmental auditors for the purpose of their audits.
- 11.2 Audit reports
- 11.2.1 All internal audit reports referred to in condition 7.1.1 must be made available to the external auditor referred to in condition 7.2.1.
- 11.2.2 Each external audit report referred to in condition 7.2 must be submitted to the Regional Director and the Monitoring Committee within 30 days from the date on which the external auditor finalised the audit.
- 11.3 Other reports
- 11.3.1 The information required in terms of condition 10.1 shall be submitted to the Regional Director within a period of one year from the date of issuing of this Permit and annually thereafter.
- 11.3.2 The information required in terms of condition 6 must be reported to the Regional Director, in the format specified in condition 10.2 where applicable, within a period of 30 days following the analysis of the samples. The information must also be included into a trend report, which must contain a graphical presentation of all results obtained previously at any specific point, as well as an interpretation and discussion of the results of each monitoring occasion.
12. REHABILITATION AND CLOSURE OF THE SITE
- 12.1 The Permit Holder shall, at least 60 days prior to the intended closure of the Site, notify the Regional Director by registered mail of such closure and submit final rehabilitation plans for his approval.
- 12.2 Immediately following the cessation of operations with the intention to close the Site, the surface of the Site shall be covered in such a way that -
- 12.2.1 the formation of pools due to rain is prevented;
- 12.2.2 free surface runoff of rain-water is ensured; and
- 12.2.3 no objects or materials which may hamper the rehabilitation of the Site are present.
- 12.3 The Permit Holder shall rehabilitate the Site in accordance with a rehabilitation plan, which shall be submitted by the Permit Holder and which shall be to the satisfaction of the Regional Director.

13. LEASING AND ALIENATION OF THE SITE

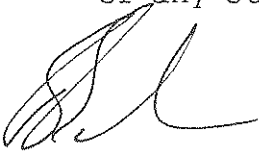
13.1 Should the Permit Holder want to alienate or lease the Site, he shall notify the Regional Director in writing of such an intention at least 60 days prior to the said transaction.

14. GENERAL

14.1 The Permit Holder shall within a period of 60 days from the date of issuing of this Permit apply for the rezoning of the Site for waste disposal purposes. Should the Permit Holder be unsuccessful in rezoning the Site for waste disposal purposes within a period of 2 years from the date of issuing of this Permit, a written motivation shall be provided to the Regional Director defining the reasons why the application for rezoning failed. The Regional Director shall then take an appropriate decision regarding the future of the Site.

14.2 This Permit shall not be transferable.

14.3 This Permit shall not be construed as exempting the Permit Holder from compliance with the provisions of the Health Act, 1977 (Act 63 of 1977), the Water Act, 1956 (Act 54 of 1956) or any other applicable act, ordinance, regulation or by-law.



CHIEF DIRECTOR: WATER USE AND CONSERVATION
p.p. MINISTER OF WATER AFFAIRS AND FORESTRY

DATE: 29 .1 .89 .

ANNEXURE IWASTE WHICH SHALL NOT BE ACCEPTED ON THE SITE

1. Waste considered to be dangerous by virtue of their fire hazard. That is all waste with a closed cup flashpoint $< 61^{\circ}\text{C}$.
2. Any waste with a substance which is a Group A and/or Group B carcinogen. Group A carcinogens have been clinically and epidemiologically proven in humans. Group B carcinogens have been proven without doubt in laboratory animals.
3. Any waste with a substance at a concentration greater than 1% which is a Group C and/or Group D carcinogen. Group C carcinogens have shown limited evidence in animals. Group D carcinogen - the available data is inadequate and doubtful.
4. Any waste with a substance which is a Mutagen.
5. Any infectious waste, unless it has been incinerated at 800°C or higher for at least 1 second. Infectious waste is waste which is generated during the diagnosis, treatment or immunisation of humans or animals; in the research pertaining to this; in the manufacturing or testing of biological agents -including blood, blood products and contaminated blood products, cultures, pathological wastes, sharps, human and animal anatomical wastes and isolation waste that contain or may contain infectious substances.
6. Any waste with a substance with a LD_{50} for acute oral toxicity smaller and equals to 5000 mg/kg. The LD_{50} for acute oral toxicity shall be as defined in SABS 0228:1995.
7. Any waste with a substance with a LD_{50} for acute dermal toxicity smaller and equals to 2000 mg/kg. The LD_{50} for acute toxicity on dermal toxicity shall be as defined in SABS 0228:1995.
8. Any waste with a substance with a LC_{50} for acute toxicity on inhalation smaller and equals to 10mg/l. The LC_{50} for acute toxicity on inhalation shall be as defined in SABS 0228:1995.
9. Any waste with a substance with a LC_{50} (96hr) for acute ecotoxicity smaller and equals to 1000 mg/l.
10. All waste with a pH less than 6 or greater than 12.
11. All material which falls in Class 1 (explosives), Class 2 (compressed gases) and Class 7 (radioactive materials), as specified in SABS 0228:1995.
12. Any waste which is difficult to analyse and classify.
13. Any complexes of heavy metal cations, paints and paint sludges, or laboratory chemicals.

ANNEXURE IIWATER QUALITY VARIABLES REQUIRED FOR BACKGROUND MONITORING
AND INVESTIGATIVE MONITORING : CONDITIONS 6.4 and 6.6

Alkalinity (P.Alk)	Free & saline ammonia as N ($\text{NH}_4\text{-N}$)
Calcium (Ca)	Boron (B)
Chromium (hexavalent) (Cr^{6+})	Magnesium (Mg)
Chromium (Total) (Cr)	Cadmium (Cd)
Chemical oxygen demand (COD)	Chloride (Cl)
Cyanide (CN)	Mercury (Hg)
Lead (Pb)	pH
Nitrate (as N) ($\text{NO}_3\text{-N}$)	Sodium (Na)
Phenolic compounds (Phen)	Electrical conductivity (EC)
Potassium (K)	Sulphate (SO_4)
Total dissolved solids (TDS)	

ANNEXURE IIIWATER QUALITY VARIABLES REQUIRED FOR DETECTION
MONITORING: CONDITION 6.5

- (a) Alkalinity (P.Alk)
Chemical oxygen demand (COD)
pH
Total dissolved solids (TDS)
Chlorides (Cl)
Nitrate (NO₃-N)
Potassium (K)
- (b) Annually for electrical conductivity (EC), calcium (Ca), magnesium (Mg), sodium (Na), sulphate (SO₄) and fluoride (F).

ANNEXURE IV

INFORMATION WHICH SHALL BE SUBMITTED ON AN ANNUAL BASIS: CONDITION 10.1

Y Y Y Y M M D D

NAME OF SITE: _____ DATE OF REPORT

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1. Registered owner(s) of property on which disposal site is situated:
 Name.....
 Postal Address..... Telephone Code & No
 Fax Code & No.....
 Postal Code..... Telex No.....

2. Name of Operator in control of disposal site:

 Telephone code & numberAfter hours
 Identity number.....
 Educational qualifications (*). std 6 diploma
 std 8 higher diploma
 matric degree
 other (specify).....

3. (a) Latest estimated lifetime of the disposal siteyrs
 (b) Indicate the type of waste and approximate quantities of waste disposed of during the year.

Type of waste	Quantity (m ³ annum ⁻¹)	Compacted (C)	Uncompacted (U)
<u>Non-hazardous waste</u>			
Household	<input type="checkbox"/>	<input type="checkbox"/>
Garden refuse	<input type="checkbox"/>	<input type="checkbox"/>
Building rubble	<input type="checkbox"/>	<input type="checkbox"/>
Industrial (not hazardous)	<input type="checkbox"/>	<input type="checkbox"/>
- (specify)	<input type="checkbox"/>	<input type="checkbox"/>
-	<input type="checkbox"/>	<input type="checkbox"/>
TOTAL		
<u>Hazardous waste</u>			
- Flammable solids	<input type="checkbox"/>	<input type="checkbox"/>
- Flammable liquids	<input type="checkbox"/>	<input type="checkbox"/>
- Oxidising agents	<input type="checkbox"/>	<input type="checkbox"/>
- Toxic wastes	<input type="checkbox"/>	<input type="checkbox"/>
- Corrosive wastes	<input type="checkbox"/>	<input type="checkbox"/>
- Hospital and infectious wastes	<input type="checkbox"/>	<input type="checkbox"/>
- (specify)	<input type="checkbox"/>	<input type="checkbox"/>
-	<input type="checkbox"/>	<input type="checkbox"/>
TOTAL		

* Indicate with an X

4.(a) Indicate the method of disposal of waste (*). Landbuilding Landfilling

(b) Indicate the present dimensions of the site in metres.

Height/depth
 Length
 Breadth

5. Indicate the applicable waste types and quantities salvaged during the year (*)

No salvaging undertaken

Type	Quantity (m ³)	Type	Quantity (m ³)
<input type="checkbox"/> Paper/wood fibre	<input type="checkbox"/> Rubber	.....
<input type="checkbox"/> Plastics	<input type="checkbox"/> Textiles	.....
<input type="checkbox"/> Glass	<input type="checkbox"/> Iron	.....
<input type="checkbox"/> Copper	<input type="checkbox"/> Aluminium	.....
<input type="checkbox"/> Zinc	<input type="checkbox"/> Lead	.....
<input type="checkbox"/> Phosphorgypsum	<input type="checkbox"/> Fly-ash	.....
<input type="checkbox"/> Waste for composting	<input type="checkbox"/> Food residues	.....
<input type="checkbox"/> Flammable gases	Other	.....
Other	Other	.....
Other	Other	.....

6. Indicate the types, sources and approximate quantities of available covering material (*).

Type	Sources	Quantity m ³
<input type="checkbox"/> Soil
<input type="checkbox"/> Sand
<input type="checkbox"/> Ash
<input type="checkbox"/> Gravel
<input type="checkbox"/> Clay
<input type="checkbox"/> Building rubble
Other (specify)
.....
.....
.....

* Indicate with an X

Signature

Capacity.....

Place..... Date.....

