

**DEPARTMENT OF WATER AFFAIRS AND FORESTRY**  
**NOTES FOR DISPOSAL SITE APPLICATION FORM**

1. If the Department requires further information to reach a decision on a permit application, such further information may be demanded from the applicant.
2. It is stressed that all sections and questions must be completed in full. If an incomplete application form is received, it will be returned and as a result the consideration and possible issue of a permit may be delayed.

SM/10056353.LO/P1S2

**SCHEDULE A**

**APPLICATION FOR DISPOSAL SITE PERMIT UNDER SECTION 20 OF  
THE ENVIRONMENT CONSERVATION ACT, 1989 (ACT 73 OF 1989)**

|                          |           |           |
|--------------------------|-----------|-----------|
| For official use only    |           |           |
| Quaternary Drainage      | File No.: | Item No.: |
| Region (e.g. C201) ..... | .....     | .....     |

**(\* Indication with an X**

**SECTION A**

1. Name of disposal site: .....

2. (a) Disposal site (\*): Proposed  Existing

(b) Were alternative disposal sites considered? (\*): Yes  No

(c) How many alternatives were considered? .....

3. Full name of applicant: .....

Postal address .....

Telephone code & No.: ..... Fax Code & No.: ..... Postal code:.....

4. Registered owner(s) of property on which disposal site is situated:

Full name .....

Postal address .....

Telephone code & No.: ..... Fax Code & No.: ..... Postal code:.....

5. Location of property on which existing disposal site is situated:

Latitude:  °  '  "      Longitude:  °  '  "

Magisterial district .....

Municipal area within which disposal site is located (if any) .....

Name of local authority within whose jurisdiction the disposal site is located (for example Regional Services Council or Local Government Affairs Council)

.....

6. (a) Deeds Act description of property on which disposal site is situated (use further lines if necessary):

Examples:

- Portion 49 (portion of Portion 27) of the farm Brandbach 471 JR
- Remainder of the farm Klaver Valley 356
- Remaining Extend of Portion 6 of the farm Klaver Valley 356
- Sub 36 (sub of Sub 24) of the farm Weltevreden 1017
- Plot 10 of Hunters Hill Agricultural holdings
- Portion 1 of Erf 155, Dendron Township

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(b) Extent of total property: ..... hectares

(c) Extent of disposal site: ..... hectares

7. Local authority in whose jurisdiction the disposal site is situated (select the authority in item 5 which is more directly involved with the disposal site).

Full name: .....

Postal address .....

Telephone code & No.: ..... Fax Code & No.: ..... Postal code:.....

8. Name of person in direct control of the disposal site:

.....

Identity No.: .....

Telephone code & No.: ..... After hours .....

Highest Educational qualification (\*):

Std. 6

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Diploma

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Std. 8

Higher diploma

Matrix

Degree

Other (specify and indicate major subjects)

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**SECTION B**

9. Indicate which of the following apply to the disposal site (\*):

- (a) Within a 3 000 m radius of the end of an airport landing strip.
- (b) Within the 1 in 50 year floodline of any watercourse.
- (c) Within an unstable area (fault zone, seismic zone, dolomitic area, sinkholes).
- (d) Within the drainage area or within 5 km of a water source.
- (e) Within an area with a shallow and/or visible watertable.
- (f) Within an area adjacent to or above an aquifer.
- (g) Within an area with shallow bedrock and limited available cover material
- (h) Within 100 m of a source of surface water.
- (i) Within 1 km from a wetland.
- (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

| Yes | No |
|-----|----|
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10. (a) Indicate prevailing wind direction (e.g. NNW) (\*):

|                  |  |  |  |
|------------------|--|--|--|
| November - April |  |  |  |
| May - October    |  |  |  |

10. (b) Indicate the wettest six months of the year (\*):

|                  |  |
|------------------|--|
| November - April |  |
| May - October    |  |

- (c) For the wettest six months period indicate in 10(b), indicate the following for the preceding 30 years:

|                           | Total rainfall for 6 months | Total A-pan evaporation for 6 months | Official use (B) |
|---------------------------|-----------------------------|--------------------------------------|------------------|
| For the wettest year      | .....                       | .....                                |                  |
| For the 2nd wettest year  | .....                       | .....                                |                  |
| For the 3rd wettest year  | .....                       | .....                                |                  |
| For the 4th wettest year  | .....                       | .....                                |                  |
| For the 5th wettest year  | .....                       | .....                                |                  |
| For the 6th wettest year  | .....                       | .....                                |                  |
| For the 7th wettest year  | .....                       | .....                                |                  |
| For the 8th wettest year  | .....                       | .....                                |                  |
| For the 9th wettest year  | .....                       | .....                                |                  |
| For the 10th wettest year | .....                       | .....                                |                  |

11. Indicate the size of the population to be served by the disposal site (\*):

|         |         |         |  |
|---------|---------|---------|--|
| 0       | -       | 499     |  |
| 500     | -       | 999     |  |
| 10 000  | -       | 199 999 |  |
| 200 000 | Upwards |         |  |

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Classification: .....

12. Detailed location of waste disposal site. Indicate the latitude and longitude of the features as required (these points must also be indicated on the maps and orthophotos required under items 19 and 20):



(c) Source of information

Extrapolated from map  Surveyor  Other .....

13. (a) Indicate the expected lifetime of the disposal site ..... years.

(b) Indicate the appropriate type of waste and list the estimated quantities expected to be disposed of daily.

Non-hazardous waste

| Type of waste:             | Quantity (ton per day) |
|----------------------------|------------------------|
| Household refuse           | .....                  |
| Garden refuse              | .....                  |
| Building rubble            | .....                  |
| Industrial (non hazardous) | .....                  |

(Other: Specify)

|             |       |
|-------------|-------|
| - (a) ..... | ..... |
| - (b) ..... | ..... |
| - (c) ..... | ..... |
| - (d) ..... | ..... |

TOTAL .....

Hazardous waste

| Type of waste:                | Quantity (ton per day) |
|-------------------------------|------------------------|
| Flammable solids              | .....                  |
| Flammable liquids             | .....                  |
| Oxidising agents              | .....                  |
| Toxic wastes                  | .....                  |
| Corrosives                    | .....                  |
| Hospital and infectious waste | .....                  |



(Other: Specify)

- (a) .....
  - (b) .....
  - (c) .....
  - (d) .....
- TOTAL .....

(c) Source of information supplied in 13(b) (\*):

- Determined from volumes
- Determined with weighbridge
- Estimated

(d) Method of estimation: .....

14. (a) Indicate the salvage method to be employed (\*):

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

(b) Indicate the applicable waste types and quantities expected to be disposed and salvaged annually (\*):

| Type                                      | Quantity (ton)  |                 | Type                               | Quantity (ton)  |                 |
|---|-----------------|-----------------|------------------------------------|-----------------|-----------------|
|   | <u>Disposed</u> | <u>Salvaged</u> |                                    | <u>Disposed</u> | <u>Salvaged</u> |
| <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"/> | Phosphogypsum        | ..... | ..... | <input type="checkbox"/> | Fly-ash         | ..... | ..... |
| <input type="checkbox"/> | Waste for composting | ..... | ..... | <input type="checkbox"/> | § Food residues | ..... | ..... |
| <input type="checkbox"/> | Flammable gases      | ..... | ..... | <input type="checkbox"/> | Other           | ..... | ..... |
| <input type="checkbox"/> | Other                | ..... | ..... | <input type="checkbox"/> | Other           | ..... | ..... |

**§ NOTE: Food residues may not be salvaged for human consumption**

15. (a) Indicate the method of disposal of waste (\*):

Landbuilding       Landfilling       Both

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

|              | At commencement | After rehabilitation |
|--------------|-----------------|----------------------|
| Height/Depth | .....           | .....                |
| Length       | .....           | .....                |
| Breadth      | .....           | .....                |

(c) Indicate the total volume available for the disposal of waste on the site (\*):

|                      |                          |                        |                               |
|----------------------|--------------------------|------------------------|-------------------------------|
|                      | $m^3$                    |                        | <u>Source of information:</u> |
| Up to 99             | <input type="checkbox"/> | Determined by surveyor | <input type="checkbox"/>      |
| 100 - 34 999         | <input type="checkbox"/> | Estimated              | <input type="checkbox"/>      |
| 35 000 - 3,5 million | <input type="checkbox"/> |                        |                               |
| > 3,5 million        | <input type="checkbox"/> |                        |                               |

(d) Indicate the total volume already used for waste disposal:

.....

|  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 16. (a) Will waste be covered daily? (*):        | <input type="checkbox"/> | <input type="checkbox"/> |
| (b) Is sufficient cover material available? (*): | <input type="checkbox"/> | <input type="checkbox"/> |
| (c) Will waste be compacted daily? (*):          | <input type="checkbox"/> | <input type="checkbox"/> |

(d) If the answers on paragraph 16(a) and/or 16(b) are **No**, what measures will be employed to prevent the problems of burning or smouldering of waste and the generation of nuisances?

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17. (a) Indicate the current use of land adjacent to the disposal site and the property on which it is situated (\*):

|              |                          |                    |                          |
|--------------|--------------------------|--------------------|--------------------------|
| Industrial   | <input type="checkbox"/> | Recreation         | <input type="checkbox"/> |
| Agricultural | <input type="checkbox"/> | Commercial         | <input type="checkbox"/> |
| Residential  | <input type="checkbox"/> | Mining & quarrying | <input type="checkbox"/> |
| Forestry     | <input type="checkbox"/> | Wilderness areas   | <input type="checkbox"/> |
| Wetlands     | <input type="checkbox"/> | Nature areas       | <input type="checkbox"/> |
| Open spaces  | <input type="checkbox"/> |                    |                          |

Other.....

(b) Indicate the approved zoning of the land adjacent to the disposal site and the property on which it is situated. (This information must also be indicated on the topo-cadastral map) (\*):

|              |                          |                    |                          |
|--------------|--------------------------|--------------------|--------------------------|
| Industrial   | <input type="checkbox"/> | Recreation         | <input type="checkbox"/> |
| Agricultural | <input type="checkbox"/> | Commercial         | <input type="checkbox"/> |
| Residential  | <input type="checkbox"/> | Mining & quarrying | <input type="checkbox"/> |
| Forestry     | <input type="checkbox"/> | Wilderness areas   | <input type="checkbox"/> |
| Wetlands     | <input type="checkbox"/> | Nature areas       | <input type="checkbox"/> |
| Open spaces  | <input type="checkbox"/> |                    |                          |

Other.....

18. Indicate the geological formations underlying the disposal site (\*):

Granite  
Shale  
Sandstone

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Quartzite  
Dolomite  
Dolerite

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Other.....

**SECTION C**

19. Provide a topocadastral map (1:50 000) indicating the location of the following, where present, within 5km radius of the site boundary §:

- (a) Disposal site.
- (b) The area served.
- (c) Existing residential and industrial areas.
- (d) Possible future development (indicate the type of development).
- (e) Routes used in transport of waste.
- (f) Other disposal sites (existing or closed) in the area.
- (g) Zoning and land use of the disposal site and the surrounding area within a 5 km radius.
- (h) The 1 in 50 year floodline of all watercourses.

20. Provide a plan (1:5 000) and orthophoto (1:10 000, if available) of the disposal site and surrounding area to a distance of one kilometre from the disposal site, indicating thereon §:

- (a) boundaries of the disposal site
- (b) boreholes, springs, wells, dams, excavations and water courses. Give -
  - (i) depth below ground surface to water levels in boreholes and wells;
  - (ii) yield of boreholes, springs and wells; and
  - (iii) uses of water derived from the above sources;
- (c) the one in fifty year flood line of all water courses;
- (d) sites which are listed as national monuments or archaeological, palaeontological and cultural historical sites or objects worthy of conservation; and
- (e) existing and possible future residential areas.

**§ NOTE: Maps and/or orthophotos must specify the appropriate scale and map projection and must contain at least 4 fixed reference points such as latitude and longitude reference points and/or trigonometric markers/beacons.**

SIGNATURE OF APPLICANT: .....

CAPACITY: .....

PLACE: ..... DATE: .....