



**REFERENCE:** 19/2/5/4/E4/12/WL0179/19

The Municipal Manager  
Theewaterskloof Municipality  
P.O. Box 24  
**CALEDON**  
7230

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**WASTE MANAGEMENT LICENCE ISSUED IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT 2008 (ACT NO. 59 OF 2008), AS AMENDED, FOR THE DECOMMISSIONING OF THE GREYTON WASTE DISPOSAL FACILITY ON REMAINDER OF ERF NO. 595, GREYTON**

#### **WASTE MANAGEMENT LICENCE**

##### **A. DECISION**

I, Eddie Hanekom, in my capacity as the Director: Waste Management of the Department of Environmental Affairs and Development Planning (hereinafter referred to as "the Department"), in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) (NEM:WA), as amended, hereby vary and replace the Waste Management Licence (Licence No. 19/2/5/4/E4/12/WL0050/18) of the Theewaterskloof Municipality (hereinafter referred to as 'the Municipality') for the decommission the Greyton waste disposal facility (WDF) (hereinafter referred to as 'the Facility') on Remainder of Erf No. 595, Greyton, with the current variation waste management licence (Licence No. 19/2/5/4/E4/12/WL0179/19).

**B. DESCRIPTION OF THE ACTIVITY:**

The activities for closure and decommissioning of a Communal WDF such as this Facility as per the of the Minimum Requirements for Waste Disposal by Landfill of the Department of Water Affairs and Forestry, Second Edition, 1998 (DWAF, 1998) (referred to as "Minimum Requirements") will entail but not limited to the following: -

- (a) Disposal of general waste
- (b) Storage of waste
- (c) WDF Facility Auditing
- (d) Gate or weighbridge recording procedures
- (e) Volume Surveys
- (f) Collection and processing of other data
- (g) Leachate and water quality monitoring
- (h) Gas monitoring
- (i) Air quality monitoring
- (j) Monitoring of rehabilitated areas
- (k) Attend to the health of workers
- (l) The determination of the total airspace at the waste disposal facility within 12 (twelve) months after this Licence is issued;
- (m) Remedial design to address identified problem areas;
- (n) Final shaping, landscaping and re-vegetation;
- (o) Final landfill cover or capping design;
- (p) Construct the capping layer to a minimum quality and thickness;
- (q) Permanent stormwater diversion measures, run-off control and anti-erosion measures; and
- (r) Any infrastructure relating to the End-use Plan.

The following activity listed in the NEM: WA, '*List of waste management activities that have, or are likely to have, a detrimental effect on the environment*', Government Notice No. 921 of 29 November 2013 (GN No. 921), as amended, are hereby authorised: -

Category A

- 3 (14) The decommissioning of a facility for a waste management activity listed in Category A or B of this Schedule.

In the event of constructing and operating a Drop-off facility on the above-mentioned facility, the following waste management activities in Category C may be triggered if the volumes are exceeded.

Category C

- 5(1) The storage of general waste at a facility that has the capacity to store in excess of 100m<sup>3</sup> of general waste at any one time, excluding the storage of waste in lagoons or temporary storage of such waste.

5(2) The storage of hazardous waste at a facility that has the capacity to store in excess of 80m<sup>3</sup> of hazardous waste at any one time, excluding the storage of hazardous waste in lagoons or temporary storage of such waste.

5(3) The storage of waste tyres in a storage area exceeding 500m<sup>2</sup>.

Should these volumes be exceeded then it would be required for the applicant to comply with the NEM: WA, "the National Norms and Standards for Storage of Waste", Government Notice No. 926 of 29 November 2013 (GN No. 926).

In this Licence, "**Director**" means the Director: Waste Management of the Western Cape Department of Environmental Affairs and Development Planning, who may be contacted at the address below:

Director: Waste Management

Department of Environmental Affairs and Development Planning

Private Bag X 9086

**CAPE TOWN**

8000

In this Licence, "**Director: RPW**" means the Director: Resource Protection and Waste of the National Department of Water and Sanitation: Western Cape Provincial Operations who may be contacted at the address below:

Director: Resource Protection and Waste

Department of Water and Sanitation

Private Bag X16

**SANLAMHOF**

7532

The granting of this Waste Management Licence is subject to compliance with the conditions set out in section C.

**C. LICENCE CONDITIONS**

**LICENCE NUMBER:** 19/2/5/4/E4/12/WL0179/19  
**WASTE APPLICATION:** DECOMMISSIONING OF THE GREYTON WASTE DISPOSAL FACILITY  
**CLASS:** B (G:C:B)  
**LOCATION:** REMAINDER OF ERF NO. 595, GREYTON  
**LICENCE HOLDER:** THEEWATERSKLOOF LOCAL MUNICIPALITY  
**CONTACT PERSON:** THE MUNICIPAL MANAGER OR THE DESIGNATED WASTE MANAGER/OFFICER  
**ADDRESS:** P.O. BOX 24, CALEDON, 7230

**1. Location**

1.1. This Licence authorises the Theewaterskloof Municipality to decommission the Facility on Remainder of Erf No. 595, Greyton.

1.2. Location of property on which Facility is situated: -

**Table 1-1:** Facility Location

Latitude	Longitude
34° 3'50.4"S	19°36'8.28"E

1.3. The location of the Facility must be according to co-ordinates indicated on the Waste Management Licence Application Form dated 9 January 2014 and Waste Management Licence Application Additional Information Annexure dated 1 April 2014 submitted by the Licence Holder, which is defined as follows:

**Table 1-2:** Footprint of the Facility

Corner Points	Latitude	Longitude
1	34°3'46.7"S	19°36'9.2"E
2	34°3'48.6"S	19°36'10.2"E
3	34°3'50.9"S	19°36'9.8"E
4	34°3'53.4"S	19°36'10"E
5	34°3'53.6"S	19°36'8.3"E
6	34°3'52.5"S	19°36'5.36"E

1.4. The footprint of the Facility and its associated infrastructure is 16,070m<sup>2</sup>.

1.5. The Surveyor General 21 Digit code of the Facility is: C01300110000059500000.

## **2. Permissible Waste**

- 2.1. Any portion of the Facility which has been constructed or developed according to conditions 5 and 7 of this Licence, may be used for the disposal of general waste. Only waste that is classified as general waste, according to the NEM: WA, or any current and future Norms and Standards developed by the Department Environmental Affairs, is permitted.
- 2.2. If more than 80m<sup>3</sup> of hazardous waste is going to be stored at the Facility, a registration form must be completed, and the waste must be stored in accordance with the relevant NEM: WA, National Norms and Standards for the Storage of Waste (GN No. 926).
- 2.3. The Licence Holder must take all reasonable steps to ensure that:
  - 2.3.1. no hazardous waste; and
  - 2.3.2. no health care waste, including pharmaceutical waste, as defined by the Western Cape Health Care Waste Management Act, 2007, (Act No. 7 of 2007), be disposed of at the Facility.
- 2.4. The Licence Holder must prevent the acceptance of any waste not authorised at the Facility.
- 2.5. All waste loads must be checked at the gate to prevent the disposal of waste not permitted by this Licence.
- 2.6. Organic waste is allowed to be disposed of at the Facility, but must be in accordance with the Organic Waste Diversion Plan, targets and procedures referred to in conditions 19.9 and 19.10 of the Licence.

## **3. Appointment of Waste Management Control Officer/Environmental Control Officer**

- 3.1. The waste management activities that are authorised by this Licence, must be managed by fit and proper persons who are competent in respect of the responsibilities to be undertaken by them.
- 3.2. A Waste Management Control Officer (WMCO)/Environmental Control Officer (ECO) must be appointed, who will monitor and ensure compliance and correct implementation of all mitigation measures and provisions as stipulated in the Licence and Environmental Management Programme (EMPr) which was submitted together with the final Basic Assessment Report (BAR) dated 1 April 2014, prior to any construction activities being undertaken on the Facility. The WMCO/ECO must:
  - 3.2.1. report any non-compliance with any Licence conditions or requirements or provisions of NEM: WA to the Licensing Authority through means reasonably available;
  - 3.2.2. identify and submit potential measures to the Licence Holder and the Director in respect of waste minimisation, including the reduction, recovery, re-use and recycling of waste; and
  - 3.2.3. monitor any future construction activities and ensure that the closure and/or construction plans are in accordance with the approved engineering design.

## **4. General Management**

- 4.1. The Licence Holder must notify the Director and Director: RPW immediately of events or incidents that may cause significant environmental damage or breach the requirements of the EMPr.
- 4.2. The stockpiles of cover materials which can be a source of dust must be managed. Effective dust control measures must be put in place by the Licence Holder.
- 4.3. The EMPr for the decommissioning of the facility mentioned in condition 3.2, submitted as part of the final BAR, is hereby approved and must be implemented together with all the conditions of this Licence.
- 4.4. An application for the amendment to the EMPr must be submitted to the Licensing Authority if any

further amendments are to be made to the EMPr and this may only be implemented once the amended EMPr has been authorised by the Licensing Authority.

- 4.5. The decommissioning of the Facility must be managed by a fit and proper person who is competent in respect of the responsibilities to be undertaken by them in connection with the commencement of the decommissioning activity.
- 4.6. Any persons having duties that are or may be affected by the matters set out in this Licence must have convenient access to a copy of it. This must be kept at or near the place where those duties will be carried out.
- 4.7. A copy of this Licence and the EMPr must be kept at the Facility where the waste listed activity will be undertaken. The Licence and EMPr must be produced to any authorised official of the Department who requests to see it for the purposes of assessing and/or monitoring compliance with the conditions contained herein and must be made available for inspection by any employee or agent of the Licence Holder who works or undertakes work at the Facility.
- 4.8. The Licence Holder must ensure that the intended end-use of the Facility is properly implemented and that the landscaping of the Facility, the drainage system and vegetation form part of the development to ensure the successful implementation of the intended end-use plan.
- 4.9. The Licence Holder shall remain responsible for the Facility, and/or any of its impacts arising from the operations on the environment.

## **5. Decommission Phase**

- 5.1. The Licence Holder must submit a Closure Report, which includes the Closure Design, Closure Requirements and End Use Plan to the Licensing Authority for approval 90 (ninety) days prior to construction for decommissioning of the Facility to begin.
- 5.2. Construction for decommissioning of the Facility must be considered in accordance with the proposed Closure Report for the Facility in the EMPr and final BAR as prepared by AECOM dated 1 April 2014 or design plans as approved by the Department of Water and Sanitation.
- 5.3. Construction within the Facility must be carried out under the supervision of a Professional Civil Engineer, registered under the Engineering Profession of South Africa Act, 1990 (Act No. 114 of 1990).
- 5.4. The waste body must be covered with the surrounding indigenous vegetation.
- 5.5. The closure of the Facility must be constructed in accordance with recognised civil engineering practice, with special consideration to stability.
- 5.6. The Facility, or any portion thereof must be covered, and the Facility must be maintained in such a way that:
  - 5.6.1. the formation of pools due to rain is prevented;
  - 5.6.2. free surface runoff of rain-water is ensured;
  - 5.6.3. contamination of stormwater is prevented;
  - 5.6.4. no objects or material which may hamper the rehabilitation of the Site are present; and
  - 5.6.5. little or no erosion occurs.
- 5.7. A leachate conservancy tank which will collect all leachate from the Facility must be installed and monitored at quarterly intervals and the results must be reported to the Licensing Authority as indicated on page 25 of the Environmental Management Programme for the closure of the Napier Waste Disposal Facility.
- 5.8. Sporadic leachate from the Facility may only be discharged into any convenient sewer if accepted

by the authority responsible for that sewer.

- 5.9. Any development which occurs within the 1:100-year flood line and/or within 500m from the boundary of a wetland would require a Water Use Licence in terms of Section 21 of the National Water Act, 1998 (Act No. 36 of 1998).

## **6. Facility Security and Access Control**

- 6.1. The Licence Holder must prevent unauthorised access to the Facility, by having the Facility enclosed with a fence of 1.8m and a gate with the same height.
- 6.2. Weatherproof, durable and legible notices must be displayed at each entrance to the Facility in at least 3 (three) official languages applicable to the area. These notices must prohibit unauthorised entry and must contain the name, address and telephone number of the Licence Holder and the person responsible for the Facility. The notices must also indicate the alternative waste management or disposal options.
- 6.3. The Licence Holder must ensure that there is no illegal access to the Facility and that no illegal dumping occurs on the Facility.
- 6.4. The Licence Holder shall ensure that all entrance gates are manned during the hours of operation and locked outside the hours of operation.
- 6.5. The Licence Holder shall take all reasonable steps to maintain service roads in a condition which ensures unimpeded access to the Facility for vehicles transporting waste and keep the roads free of waste.

## **7. Facility Management and Operations**

- 7.1. The Licence Holder shall retain the responsibility for the Facility, and its monitoring after decommissioning of the facility is according to the Minimum Requirements and any relevant Norms and Standards that may replace the Minimum Requirements and ensure that:
- 7.1.1. the Facility is operated in a manner which must prevent the creation of nuisance conditions or health hazards, such as vectors (flies and vermin), exposed waste, dust, windblown litter, obnoxious odours and noise, which must be monitored on a regular basis and the monitoring results must be kept in terms of condition 14.
- 7.1.2. any complaints from the public must be attended to by the Licence Holder, who must take all reasonable and practical steps to alleviate the cause of the complaint within a reasonable timeframe to the satisfaction of the Department and record it in terms of conditions 14 and 15.
- 7.1.3. no waste is burned at the Facility.
- 7.2. The Licence Holder must ensure that all roads at the Facility are maintained to allow access to all areas by vehicle.
- 7.3. Waste disposed of at the Facility must be compacted and covered on a daily basis with a minimum of 150 millimetres of soil or other material approved by the Director.
- 7.4. Areas that will not be used for waste disposal for longer than a year must be covered with a minimum of at least 200mm of suitable cover material.
- 7.5. The waste body must be progressively constructed towards a pre-determined end-shape, as informed by an airspace determination study.
- 7.6. The Licence Holder must ensure the health and safety of workers and employees at the Facility, in terms of Occupational Health and Safety Act, 1993 (Act No. 85 of 1993).
- 7.7. The types of waste accepted for disposal must comply with the NEM: WA, National Norms and

Standard for Disposal of Waste to landfill, GN No. R636 of 23 August 2013.

- 7.8. Reclamation of waste, below the legislated thresholds, may occur at the Facility at the discretion of the Licence Holder, but may not take place at the active working face.
- 7.9. Waste may not be burned at the Facility.
- 7.10. An Emergency Response Plan (ERP) must be developed, and all staff must be trained in the implementation thereof. The ERP should be regularly updated and must include fire evacuations, injury on duty, accidents, and procedures caused by unexpected hazardous waste ending up at the Facility.
- 7.11. The Facility must comply with the Noise Control Regulations P.N. 200/2013, as promulgated under the Environmental Conservation Act, 1989 (Act No. 73 of 1989).

## **8. Environmental Pollution Investigations**

- 8.1. If, in the opinion of the Director and the Director: RPW, any environmental pollution, nuisances or health risks may be or is occurring on the Facility, the Licence Holder must investigate the cause of the problem and take reasonable steps to alleviate the problem in consultation with the Director.
- 8.2. Should the investigation carried out as per condition 8.1 above reveal any unacceptable levels of pollution, the Licence Holder must submit a report with mitigation measures to the satisfaction of the Director.

## **9. Runoff Water Quality Management**

- 9.1. Works constructed in compliance with condition 5 must be of such a capacity as to maintain a freeboard of half a metre and to accommodate:
  - 9.1.1. all stormwater runoff, which could be expected as a result of the estimated maximum precipitation during a period of 24 (twenty-four) hours with an average frequency of once in the fifty years; and
  - 9.1.2. all expected leachate.
- 9.2. Works constructed in compliance with condition 9.1 must, on a continuous basis, be properly maintained.
- 9.3. All runoff water (stormwater) arising as a result of precipitation on land adjacent to the Facility must be prevented from entering the Facility and must be diverted and drained from the Facility, by means of works constructed by the Licence Holder in accordance with condition 5.
- 9.4. Uncontaminated runoff water must under no circumstances be used to dilute leachate emanating from the Facility but must be diverted to and discharged into the nearest storm water channel.

## **10. Monitoring**

- 10.1. Water Quality Monitoring
  - 10.1.1. The Licence Holder must establish and maintain a ground water monitoring borehole network with at least 1 (one) upstream and 2 (two) downstream boreholes, so that unobstructed sampling, as required in terms of this Licence, can be undertaken.
  - 10.1.2. Monitoring boreholes must be equipped with lockable caps. The Director and the Director: RPW reserve the right to take water samples at any reasonable time and to analyse these samples or have them analysed, at the cost of the Licence Holder.
- 10.2. Detection monitoring
  - 10.2.1. Monitoring for groundwater and surface water shall be conducted for the water quality variable as agreed to by and at such frequency as determined by the Director and the



Director: RPW.

10.2.2. A monitoring report should be compiled by a geohydrologist for evaluation in order to determine whether further monitoring may be needed.

10.3. Investigative monitoring

10.3.1. If, in the opinion of the Director and/or the Director: RPW, a water quality variable referred to in condition 10.2, shows an increasing trend, the Licence Holder shall initiate a monthly monitoring programme.

10.4. Further investigation

10.4.1. If, in the opinion of the Director and/or the Director: RPW, groundwater and/or surface water pollution have occurred or may possibly occur, the Licence Holder must conduct and/or appoint specialists to conduct the necessary investigations and implement monitoring and rehabilitation measures to the satisfaction of the Director and/or the Director: RPW.

**11. Analysis of Samples, Monitoring Methods and Parameters**

11.1. The Licence Holder must carry out all tests required in terms of condition 10.2 in accordance with methods prescribed by and obtainable from the South African Bureau of Standards (SABS), referred to in the Standards Act, 2008 (Act No. 8 of 2008).

11.2. The Licence Holder may only use another method of analysis if written proof that the method is at least equivalent to the SABS method, is submitted to the Director and the Director: RPW

11.3. The Licence Holder must put in place a monitoring and measurement plan that must inter alia include:

11.3.1. mass (in tonnes or kilograms) received, disposed;

11.3.2. treated and transferred;

11.3.3. waste types and sources;

11.3.4. air quality monitoring; and

11.3.5. an annual (once per year) topographical survey submitted to the Director in the form of an Airspace Determination Report, which must estimate the remaining volume of airspace on the Facility and the remaining lifetime for the disposal of waste at the Facility.

**12. Audits**

12.1. Internal Audits

12.1.1. Internal audits must be conducted quarterly (four times per year) by the Licence Holder and on each audit occasion an official report must be compiled by the relevant auditor, in the format referred to in condition 12.3, to report the findings of the audits, which must be made available to the external auditor specified in condition 12.2.1 and the Director (if requested), according to condition 12.4.2.

12.2. External Audits

12.2.1. The Licence Holder must appoint an independent external auditor to audit the Facility annually (once a year) and this auditor must compile an audit report, in the format referred to in condition 12.3, documenting the findings of the audit, which must be submitted by the Licence Holder to the Director.

12.2.2. The audit report must specifically state whether conditions of this Licence are adhered to

and must include an interpretation of all available data and test results regarding the operation of the Facility and all its impacts on the environment.

- 12.2.3. The audit report must specify target dates for the implementation of the recommendations to achieve compliance and specify whether corrective action which was taken for the previous audits non-conformities was adequate.
- 12.2.4. The external audit report must be submitted to Environmental Monitoring Committee (hereinafter referred to as the "Monitoring Committee"), provided in condition 13 below, within 3 (three) months, from the date on which the external auditor finalised the report.
- 12.2.5. Each external audit must be submitted to the Director within 30 (thirty) days, from the date on which the external auditor finalised the report.
- 12.3. Both the internal and external audit reports must be in accordance with the format as prescribed by the Department.
- 12.4. Departmental Audits and Inspections
  - 12.4.1. The Director and the Director: RPW reserves the right to audit and/or inspect the Facility without prior notification at any time and at such a frequency as the Director and the Director: RPW may decide, or to have the Facility audited or inspected.
  - 12.4.2. The Licence Holder must make any records or documentation available to the Director and the Director: RPW upon request, as well as any other information the Director and the Director: RPW may require.
  - 12.4.3. The findings of these audits or inspections shall be made available to the Licence Holder within 60 (sixty) days of the end of the audit or inspection and shall not be treated as confidential.

### **13. Monitoring Committee**

- 13.1. The Licence Holder must establish a Monitoring Committee for the normal operative lifetime of the Facility.
- 13.2. The Licence Holder must take the necessary steps to establish, maintain and ensure the continued functioning of a Monitoring Committee for the normal operative lifetime of the Facility and for a period of at least two years after the closure of the Facility, or such longer period as may be determined by the Director.
- 13.3. The Monitoring Committee shall be representative of relevant interested and affected persons and may consist of at least 3 (three) of the following representatives:
  - 13.3.1. Licence Holder and/or his/her appointed consultant(s) or advisor(s);
  - 13.3.2. representative(s) of the Health, Environment and/or Waste Departments of the relevant local authority;
  - 13.3.3. representative(s) of this Department; and
  - 13.3.4. at least 3 (three) persons/parties, their representatives elected by the local residents, or proof of notification of the Monitoring Committee to interested and affected parties of each meeting.
- 13.4. The Monitoring Committee shall meet annually (once per year) and no later than 3 (three) months after the finalisation of the external audit report referred to in condition 12.2.1, and submitted in terms of condition 12.2.4.
- 13.5. The Licence Holder must keep minutes of all meetings of the Monitoring Committee and distribute these minutes to all members of the Monitoring Committee within 30 (thirty) days after the meeting.

## **14. Record Keeping**

- 14.1. The Licence Holder must keep records of all monitoring results, nuisances and complaints at the Facility.
- 14.2. Accurate records of waste volumes or masses received and recovered must be kept at the Facility and reported to the Department as per condition 14.5.
- 14.3. All records required or resulting from activities required by this Licence must:
  - 14.3.1. be legible;
  - 14.3.2. be made available and should form part of any audit report;
  - 14.3.3. amended, be amended in such a way that the original and any subsequent amendments remain legible and are easily retrievable;
  - 14.3.4. be retained in accordance with documented procedures which are approved by the Department; and
  - 14.3.5. be made available upon the request of the Director and/or the Provincial Head.
- 14.4. The Licence Holder shall record and interpret all borehole data and chemical analysis in a format agreed upon in writing between the Director and the Provincial Head, the Licence Holder, and a relevant specialist if so required.
- 14.5. The Licence Holder must register and report all waste volumes or masses received, recovered, disposed of prior to closure or stored to the Department's Integrated Pollutant and Waste Information System (IPWIS), which can be accessed on the URL: <http://ipwis.pgwc.gov.za/ipwis3/public>, as required by the Department.

## **15. Reporting**

- 15.1. The Licence Holder must, within 24 (twenty-four) hours, notify the Director of the occurrence or detection of any incident at the Facility, which has the potential to cause, disruption in the normal operation of the Facility, or has caused water pollution, pollution of the environment, health risks or nuisance conditions.
- 15.2. The Licence Holder must, within 14 (fourteen) days, or as specified by the Director from the occurrence or detection of any incident referred to in condition 15.1, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by management, to the satisfaction of the Director of measures taken to: –
  - 15.2.1. correct the impact resulting from the incident;
  - 15.2.2. prevent the incident from causing any further impact; and
  - 15.2.3. prevent a recurrence of a similar incident.
- 15.3. In the event that measures have not been implemented within 21 (twenty-one) days of the incident to address impacts caused by the incident referred to in condition 15.1, or measures which have been implemented are inadequate, the Director may implement the necessary measures at the cost and risk of the Licence Holder.
- 15.4. The Licence Holder must keep and maintain an incident and complaints register, which must be made available to both external and Departmental auditors for the purpose of their audits.
- 15.5. The Department must be notified within 7 (seven) days of any changes to the management of the Facility including the name of the incoming person together with evidence that such person has the required technical competence.

- 15.6. The Department must be notified within 14 (fourteen) days of the following changes: -
- 15.6.1. Licence Holder's trading name, registered name or registered office address;
  - 15.6.2. Particulars of the Licence Holder's ultimate holding company (including details of an ultimate holding where a Licence Holder has become a subsidiary); and
  - 15.6.3. Steps taken with a view to the Licence Holder going into bankruptcy, entering into composition or arrangement with creditors.
- 15.7. All audit reports (internal and external) must be submitted to the Director within 30 (thirty) days from the date on which the auditor finalised the audit.

**16. Leasing and Alienation of the Facility**

- 16.1. Should the Licence Holder want to alienate or lease the Facility, he/she shall notify the Director in writing of such an intention at least 120 (one hundred and twenty) days prior to the said transaction. Should the approval be granted, the subsequent Licence Holder shall remain liable to compliance with all Licence conditions.

**17. Transfer of Licence**

- 17.1. Should the Licence Holder want to transfer holdership of this Licence, he/she must apply in terms of section 52 of the NEM: WA.
- 17.2. Any subsequent Licence Holder shall be bound by the conditions of this Licence.

**18. Commencement**

- 18.1. This decommissioning phase must commence before 7 November 2025. If commencement of the activity does not occur within that period, the validity of this Licence lapses and a new application for Licence must be made for the activity to be undertaken.
- 18.2. If the proponent anticipates that commencement of the activity would not occur before 7 November 2025, he/ she must apply and show good cause for an extension of the commencement date in this Licence 6 (six) months prior to its expiry date.

**19. General**

- 19.1. The Licence Holder shall remain responsible for the Facility, and/or any of the impacts arising from the operations on the environment.
- 19.2. This Licence shall not be transferable unless such transfer is subject to condition 17 above.
- 19.3. This Licence shall not be construed as exempting the Licence Holder from compliance with the provisions of any National and Provincial Legislation and relevant Ordinance, Regulation, By-laws and relevant National Norms and Standards.
- 19.4. Transgression of any condition of this Licence could result in the suspension of the Licence by this Department.
- 19.5. This Licence is valid until 7 November 2029. The licence may be reviewed any time after commencement. Based on the results of the review, especially compliance with the Licence conditions or recommendations from the audit reports and or changing legislation, the Licence can be amended or withdrawn, or the validity thereof extended.
- 19.6. Should the Licence Holder want to conduct the waste management activity beyond 7 November 2029, the Licence Holder must apply for a review 1 (one) year before the expiry date.
- 19.7. Transgression of any condition of this Licence could result in the suspension of the Licence by the Licensing Authority and may render the Licence Holder liable for criminal prosecution or other actions provided for in Section 67(1) of the NEM: WA, 2008.

- 19.8. In terms of section 28 and 30 of the National Environmental Management Act (Act No. 107 of 1998) (NEMA), and section 19 and 20 of the National Water Act (Act No. 36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the Licence Holder reads through and understand the legislative requirements pertaining to the project. It is the Licence Holder's responsibility to take reasonable measures which include informing and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.
- 19.9. The Licence Holder must submit an Organic Waste Diversion Plan to the Director within 90 days of the date of this Licence and annually thereafter.
- 19.10. The information within the Organic Waste Diversion Plan must:
- 19.10.1. provide a status quo of current organic waste sources and volumes disposed at municipal WDFs, and current rates and procedures of organic waste diversion from WDFs; and
  - 19.10.2. set annual targets and identify procedures from 2018 that will be implemented to meet these targets for the diversion of organic waste from municipal WDFs, in order to reach a 50% diversion by the year 2022 and 100% diversion by the year 2027.

**D. APPEAL OF LICENCE**

1. Appeals must comply with the provisions contained in the National Appeal Regulations, 2014 (GN No. 993 of 2014), as amended.
2. An appellant (if the holder of the decision) must, within 20 (twenty) calendar days from the date that the notification of the decision was sent to the holder by the Competent Authority:
  - 2.1. Submit an appeal in accordance with Regulation 4 of the National Appeal Regulations 2014 (as amended) to the Appeal Administrator; and
  - 2.2. Submit a copy of the appeal to any registered I&APs, any Organ of State with interest in the matter and the decision-maker i.e. the Competent Authority that issued the decision.
3. An appellant (if NOT the holder of the decision) must, within 20 (twenty) calendar days from the date that the notification of the decision was sent to the registered I&APs by the holder:
  - 3.1. Submit an appeal in accordance with Regulation 4 of the National Appeal Regulations, 2014, as amended to the Appeal Administrator; and
  - 3.2. Submit a copy of the appeal to the holder of the decision, any registered I&AP, any Organ of State with interest in the matter and the decision-maker i.e. the Competent Authority that issued the decision.
4. The holder of the decision (if not the appellant), the decision-maker that issued the decision, the registered I&AP and the Organ of State must submit their responding statements, if any, to the appeal authority and the appellant within 20 (twenty) calendar days from the date of receipt of the appeal submission.
5. The appeal and the responding statement must be submitted to the address listed below:

By post: Western Cape Ministry of Local Government,  
Environmental Affairs and Development Planning  
Private Bag X9186

**CAPE TOWN**

8000

By facsimile: (021) 483 4174; or

By hand: Attention: Mr Marius Venter (Tel: 021 483 3721)  
Room 809

8th Floor Utilitas Building, 1 Dorp Street, Cape Town,  
8001

By email: [DEADP.Appeals@westerncape.gov.za](mailto:DEADP.Appeals@westerncape.gov.za)

Note: A prescribed appeal form as well as assistance regarding the appeal processes is obtainable from Appeal Authority at: Tel. (021) 483 3721, E-mail [Marius.Venter@westerncape.gov.za](mailto:Marius.Venter@westerncape.gov.za) or URL <http://www.westerncape.gov.za/eadp>

**E. DISCLAIMER**

The Western Cape Government, the Local Authority, committees or any other public authority or organisation appointed in terms of the conditions of the Licence shall not be responsible for any damages or losses suffered by the holder, developer or his/her successor in any instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document or legal action emanating from this decision.

Your interest in the future of our environment is greatly appreciated.

Yours faithfully,



**EDDIE HANEKOM**

**DIRECTOR: WASTE MANAGEMENT**

**DATE OF DECISION:** 03-12-2011

## **ANNEXURE I**

### **REASONS FOR VARIATION OF THE DECISION (APPEALABLE)**

The reasons for the licence decision, as well as factors affecting the broader development that were considered to ensure the effective implementation of this Licence, are explained below:

1. The subsequent non-substantive amendment was conducted to extend the commencement date for decommissioning of this Facility. This licence repeals the previous licence (Ref: 19/2/5/4/E4/12/WL0050/18).
2. In accordance with the Licence condition 19.6, the Department has subsequently varied the Licence upon the request by the Licence Holder by extending the commencement date for commencing closure of this Facility to 7 November 2025.
3. The original WML dated 7 November 2014 required commencement within 6 (six) years (by 7 November 2020). The information provided by the Licence Holder indicating the projected financial commitment and set timeframe to commence with decommissioning of the Facility by 2024/25 that the required alternative infrastructure for waste management has not yet been constructed, and that the extension of the commencement date for decommissioning will not increase the impacts, were considered to vary this Waste Management Licence.

### **REASONS FOR THE DECISION (NOT APPEALABLE)**

The reasons for the Licence decision as well as factors affecting the broader development that were considered to ensure the effective implementation of this Licence are explained below:

- (a) The information contained in the Waste Management Licence Application form dated 13 February 2014;
- (b) The Site visit on 10 March 2014;
- (c) The final BAR and the Waste Management Licence Application Additional Information Annexure dated 1 April 2014;
- (d) The Record of Decision by the Department of Water Affairs dated 12 June 2014;
- (e) Comments raised by I&AP's throughout the Public Participation Process the applicant and the Environmental Assessment Practitioners' responses; and
- (f) The objectives and requirements of relevant legislation, policies and guidelines, including Section 2 of the NEMA, 1998 (Act No. 107 of 1998) have also been considered in this decision.

The reasons for the variation of the decision (ref: 19/2/5/4/E4/12/WL0050/18), as well as factors affecting the broader development that were considered to ensure the effective implementation of this Licence, are explained below:

The Department reviewed original WML according to section 54(1) of the NEM:WA, which states:

*"(1) A licensing authority may, by written notice to the holder of a waste management licence, vary the licence-*

*(a) if it is necessary or desirable to prevent pollution; (and)*

*(d) to make a non-substantive amendment".*

The review and subsequent non-substantive variation of the decision was performed in order to align the Greyton Waste Management Licence conditions with current waste legislation, by repealing the existing Waste Management Licence with reference No.: 19/2/5/1/E4/12/WL0090/14 and issuing this WML.



Only these latent changes are appealable during the appeals window period.

A summary of the issues, which in the Department's view were of the most significance, are set out below.

### **Environment**

The Greyton Waste Disposal Facility is situated approximately 350m from the town of Greyton (San Lucia Road,). The facility accepts general domestic waste. All collected municipal waste in the Greyton service areas is disposed at the Municipality's unlicensed Greyton Waste Disposal Site.

The Integrated Development Plan confirms that the Greyton/Genadendal Waste Disposal Sites are not licensed and states that the facilities should be closed and rehabilitated and the waste diverted to a licensed facility. In accordance with the information contained in the 3rd Generation Integrated Development Plan, 2012-2017 (1st Revision, 2013/14) a transfer station planned for the Greyton/Genadendal community has been cancelled due to community objection to the Greyton-Genadendal Link Sewer project.

### **Geology**

The site is currently accepting domestic waste, therefore a monitoring borehole is required.

The type of geological formation underlying the site is shale and sandstone.

The Theewaterskloof Municipal area is underlain by rocks of three main geological formations, with small "windows" of three other formations, plus alluvial deposits. A major east-west trending fault forms the southern boundary of the TMG inlier at Caledon. A hot spring is associated with this fault with a flow of 10 l/s and a temperature of 38°C. Other north-south and northeast-southwest trending faults occur in the east central area and southern boundary area.

### **Surface Water**

Surface water present on and or adjacent to the Facility and alternative sites include perennial river, non-perennial river and permanent wetland.

## **ALTERNATIVES**

The following alternatives were considered:

### **Site Alternatives**

No site alternatives have been assessed as the activity focuses on the closure of the existing Facility.

### **Activity Alternatives**

There are no direct activity alternatives as the process will involve the closure of the current Facility.

### **Design Alternatives**

As part of the closure of the Greyton Waste Disposal Facility, it is proposed that the landfill be capped to limit storm / rain water ingress which will result in the generation of landfill gas and leachate which in turn may lead to water resource pollution. Capping requirements is further discussed as part of the Closure Plan (refer to Appendix H). The technical Design and Closure Plan must still be submitted by the applicant for approval prior to construction for closure.

## **Technology Alternatives**

No technology alternatives in terms of closure procedures were identified.

## **The No-Go Option**

The failure to rehabilitate the Facility according to the required standards may result in unacceptable environment impact. The Facility may then be an illegal dumping ground for members of the public.

## **PUBLIC PARTICIPATION PROCESS**

The PPP comprised of the following:

- (a) Initial newspaper advertisements notifying the public about the environmental application for the proposed project were placed in the following newspapers during the week of **12 to 18 January 2014**:
  - The Burger
  - The Cape Argus
  - Die Son
  - Ons Kontrei
  - The Coerier
  - Swartland Gazette
  - Boland Standaard
  - Weslander
  - Theewaterskloof Gazette
  - Swartland Gazette
- (b) A follow up advertisement to indicate corrections and availability of the Draft Basic Assessment Report was placed during the week of **17 February 2014**.
- (c) A total of **2 (Two)** A2-sized site notices were erected in the project area on **24 January 2014**. The site notices were placed at the Gate at Landfill and the Municipal offices.
- (d) The Draft Basic Assessment Report has been made available for a 40 days' review period to registered I&APs, as well as to the public from the week of the 17 February 2014 to 28 March 2014.
- (e) The final (BAR) was made available to Interested and Affected Parties (I&APs).

## **Authorities Consultation:**

No authorities have objected to the proposed activities. Where possible and relevant, the conditions imposed by these authorities have been included in this Licence insofar as it relates to the environmental aspects of the proposed activities. This Licence is issued only in terms of the waste management legislation and the applicant is required to obtain all other necessary approvals before commencing with the activities.

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END