LEGAL NOTICE NO # OF 1999

THE SWAZILAND ENVIRONMENT AUTHORITY ACT 1992

(Act No. 15 of 1992)

THE WASTE REGULATIONS 1999

(Under Section 18)

In exercise of the powers conferred by section 18 of the Swaziland Environment Authority Act, 1992, and in consultation with the Authority, the Minister for Tourism, Environment and Communications makes the following Regulations -

PART I: PRELIMINARY

Citation

1. These Regulations may be cited as the Waste Regulations, 1999.

Commencement

2. These Regulations shall come into operation on the date of publication in the Gazette.

Application

3. These Regulations regulate the management of solid waste and liquid waste disposed of on land, and are binding on the State.

Interpretation

4. (1) In these Regulations, unless the context otherwise requires -

"adverse effect" means any harmful or detrimental effect on the environment, whether actual or potential:

- (a) that is, or may in future be, more than trivial or insignificant; and/or
- (b) that impairs, or may in future impair, human health; and/or
- (c) that results in, or may in future result in, an impairment of the ability of people and communities to provide for their health, safety, and cultural and economic well-being, that is more than trivial or insignificant;

and the risk of a potential adverse effect occurring shall be deemed to be significant if either it is reasonably likely that the adverse effect may occur, or if it is unlikely that the adverse effect will occur but if it did occur it would be serious and/or irreversible;

"approved waste disposal facility" means, in respect of any category of waste, a

facility which has been licensed by the Authority under these Regulations as a facility at which that type of waste may be permanently disposed of, and includes a landfill site and an incinerator;

"clinical waste" means any waste produced by hospitals, clinics, nursing homes, doctor's offices, medical laboratories, medical research facilities and veterinarians which is infectious or potentially infectious, and, without limitation, includes: microbial wastes such as cultures and stocks of infectious wastes; human blood and blood products; pathological wastes of human origin such as tissues, organs and body parts; contaminated animal wastes including animal carcasses, body parts and bedding which have been exposed to infectious agents; isolation wastes associated with animals or humans which have been isolated as a result of being infected with a disease; and contaminated and uncontaminated sharps including hypodermic needles, scalpels and broken glassware;

"commercial waste" means waste from premises used wholly or mainly for the purposes of a trade or business or for the purposes of sport, recreation or entertainment, but excluding: household waste; industrial waste; waste from any mine or quarry; and waste from premises used for agriculture;

"disposal" of waste includes deposit of waste into or onto land, and incineration of waste, but does not include temporary storage of waste, pending collection, in accordance with these Regulations;

"environmental compliance certificate" means an Environmental Compliance Certificate issued under and in accordance with the Environmental Audit, Assessment and Review Regulations 1999;

"hazardous waste" means any waste:

- (a) which is listed in Part I of Schedule Three and to which a six digit waste code has been assigned in that Schedule, and which displays any of the properties specified in Part II of Schedule Three; or
- (b) which displays any of the following hazardous properties as defined in Part II of Schedule Three: "highly flammable" (only liquid substances and preparations having a flash point below 21°C), "irritant", "harmful", "toxic", "carcinogenic" or "corrosive";

unless the waste does not exceed any of the threshold criteria for certain hazardous properties set out in Part III of Schedule Three;

"household waste" means waste from any of the following premises:

- (a) a home, that is to say, a building or self-contained part of a building which is used wholly for the purposes of living accommodation, or a caravan or a mobile home;
- (b) premises forming part of a university or school or other

educational establishment;

(c) premises forming part of a residential home, hospital or nursing home;

but does not include commercial, industrial or hazardous waste, sand, earth, effluent, or garden waste;

"industrial waste" means waste from a factory or from any premises used for the purposes of, or in connection with, the provision to the public of: transport services by land, water or air; gas, water, electricity or sewerage services; or postal or telecommunications services;

"litter" means any waste which is discarded in any public place or vacant land, other than in a waste receptacle;

"local authority" means a municipal council or a town council established under Part II of the Urban Government Act 1969, or a town board established under Part XIII of that Act, and in relation to a company town, means the company that controls the town;

"local waste disposal site" means a site designated for the disposal of waste in a waste control area in accordance with regulation 13;

"local waste collection site" means a site designated for the collection of waste in a waste control area in accordance with regulation 13;

"occupier" means, in relation to any land or premises, any person in actual occupation, in charge of, or responsible for managing, the land or premises, and includes a person occupying a portion of Swazi Nation land with the permission of a Chief, and in respect of Swazi Nation land which has not be allocated to a particular person, the Chief of that area;

"premises" means any building or part of a building and the land used or occupied in connection with it;

"recovery" in relation to waste, means the recycling, re-use or reclamation of waste or any other process which is applied to waste with a view to extracting secondary raw materials, or generating heat or any other form of energy, from the waste;

"special waste" means hazardous waste and clinical waste;

"statutory nuisance" means any state of affairs or matter which is defined in any legislation as constituting a nuisance or a public nuisance;

"urban area" means an area within the area of jurisdiction of a local authority;

"waste" means any substance or thing that the holder discards or disposes of, or intends or is required to discard or dispose of, irrespective of its value to anyone, and any substance or thing deemed by a regulation to be waste; and for the purposes of this definition: "holder" means a person in possession of the waste, or a person whose activities produced the waste, or a person who carried out pre-processing, mixing or other operations that changed the nature or composition of the waste;

"waste control area" means an area designated as such by the Minister in accordance with regulation 13(1);

"waste disposal facility" means a landfill site, incinerator or any other facility at which waste is permanently disposed of;

"waste regulation authority" means:

- (i) in respect of an urban area, the local authority responsible for that area;
- (ii) in respect of a waste control area, the Office of the Deputy Prime Minister; or the body to which responsibility for the management of waste in the waste control area has been delegated under regulation 13(2); and
- (iii) in any other area, the Office of the Deputy Prime Minister.

PART II: GENERAL PROVISIONS

General Prohibition and Duty of Care

- 1. (1) No person may collect, transport, sort, recover, treat, store, dispose of or otherwise manage waste in a manner that is likely to result in an adverse effect.
 - (2) Every person who imports, produces, collects, recovers, transports, keeps, treats or disposes of waste must take all reasonable measures to prevent any other person contravening sub-regulation (1) in relation to that waste.
 - (3) Any person who contravenes sub-regulations (1) or (2) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Disposal of waste

- 6. (1) Subject to sub-regulation (2), no person shall dispose of:
 - (a) commercial or industrial waste, or household waste produced in urban areas, except at an approved waste disposal facility;
 - (b) special waste except at an approved waste disposal facility;

- (c) any household waste produced in a waste control area except at a local waste disposal site or a local waste collection site designated by the Authority under regulation 13(3) or at an approved waste disposal facility.
- (2) The following acts do not contravene sub-regulation (1):
 - (a) the discharge directly into a water body of commercial or industrial waste, other than special waste, in the form of effluent in compliance with the [Water Pollution Control Regulations 1999]; or
 - (b) the emission into the atmosphere of commercial or industrial waste, other than special waste, in the form of gas or particulates, in compliance with the [Air Pollution Control Regulations 1999].
- (3) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Import, export and trade in waste

- 7. (1) Subject to paragraph (2), no person shall import, export or trade in waste without the written permission of the Authority and subject to the terms and conditions imposed by the Authority
 - (2) The import of hazardous waste into Swaziland is prohibited.
 - (3) Any person who contravenes sub-regulation (1) or (2) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and imprisonment for not more the [# months], or both.

PART III: ADMINISTRATION

Functions of the Authority

- 8. The Authority shall:
 - (a) prepare a national waste strategy;
 - (b) give general or specific directions to waste regulation authorities regarding their functions relating to the collection and disposal of waste in their areas, in order to promote the protection of the environment and the wise use of resources;

- (c) monitor the management of waste in waste control areas in accordance with Part V;
- (d) issue special waste carrier licences under Part VI and keep a register containing details of all persons to whom such licences have been issued;
- (e) inspect all waste disposal and recovery facilities in respect of which a waste management licence is in force at least once every six months:
- (f) issue special waste management licences under regulation 24;
- (g) issue waste recovery licences and waste separation permits under Part X:
- (h) issue waste management licences under Part VIII;
- (i) regulate the management of waste in accordance with Part VIII;
- (j) regulate the management of special waste in accordance with Part IX;
- (k) monitor compliance with licences issued under these Regulations;
- (l) take enforcement action where necessary, including variation, revocation and suspension of licences in the case of breach of licence conditions;
- (m) review and monitor the implementation by local authorities of waste management plans; and
- (n) collect and analyse statistical data on waste produced and waste composition in Swaziland and include the findings of this research and appropriate recommendations in the annual report of the Authority.

Functions of local authorities

- 9. (1) Within its area of jurisdiction each local authority shall:
 - (a) collect, or arrange for the collection of, all household waste at least once per week and ensure that it is disposed of at an approved waste disposal facility;
 - (b) ensure that all waste is collected, transported and disposed of in accordance with these Regulations;
 - (c) take all practical measures to promote and support the recovery

of waste, particularly at the point at which it is produced;

- (d) provide litter receptacles in public places in accordance with regulation 30; and
- (e) prepare waste management plans in accordance with regulation 32.
- (2) Each local authority shall report annually to the Authority on the quantity of household, commercial, industrial, hazardous and clinical waste generated and disposed of within its area of jurisdiction and on the implementation of its waste management plan.

PART IV: STORAGE, COLLECTION AND DISPOSAL OF WASTE IN URBAN AREAS

Storage of waste

- 10. (1) Every occupier of premises in an urban area shall provide suitable waste receptacles in accordance with sub-regulation (2), for the reception and storage of waste produced upon the premises, and shall ensure that such waste is deposited in these waste receptacles.
 - (2) If the occupier fails to provide suitable waste receptacles the local authority may provide the necessary receptacles and recover the cost from the occupier or owner of the premises.
 - (3) Every occupier of premises in an urban area shall:
 - (a) provide and use separate receptacles for the reception and storage of each of the following categories of waste which it produces:
 - (i) household waste;
 - (ii) industrial and commercial waste;
 - (iii) waste which is to be recycled; and
 - (iv) special waste;
 - (a) maintain all receptacles in good condition; and
 - (b) ensure that the receptacles are covered at all times (except when waste is being deposited in or removed from a receptacle) and are located so as not to cause a statutory nuisance or be unnecessarily offensive to the occupiers of adjacent plots.
 - (4) Every owner of a plot in an urban area containing four or more residential or

commercial units shall provide an enclosure for the storage of individual waste receptacles or common waste receptacles for all occupiers of that plot producing the same type of waste.

(5) Any person who contravenes sub-regulations (1), (3) or (4) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Collection and disposal of household waste

- 11. (1) Every local authority shall ensure that skips or common receptacles are placed along access routes to and from any premises within its area or jurisdiction that are inaccessible to waste collection vehicles, for the collection of household waste.
 - (2) Every occupier of premises located in areas which are inaccessible to waste collection vehicles shall ensure that all household waste produced on their premises is transported to, and disposed of in, the skips or common receptacles provided by the local authority in accordance with sub-regulation (1).
 - (3) Every local authority shall ensure that all household waste produced within its area of jurisdiction is collected from the waste receptacles provided in accordance with regulation 10 and the skips and common receptacles provided in accordance with this regulation, at least once per week and is disposed of at an approved waste disposal facility or treated in accordance with these Regulations.
 - (4) The owner or occupier of any premises situated in an urban area in which a mechanised waste collection service is operated by the local authority or an operator licensed by the local authority, shall, on the days and at the times stipulated by the local authority, place the waste receptacles containing the household waste generated on the premises in front of their premises in a place accessible to the waste collection vehicles and shall remove all empty receptacles within twelve hours of the collection of the waste.
 - (5) Any person who contravenes sub-regulations (1), (2), (3) or (4) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Collection of commercial and industrial waste

- 12. (1) The owner or occupier of any premises upon which commercial or industrial waste is produced shall arrange for the waste to be collected and transported to an approved waste disposal facility and disposed of at that facility or treated in accordance with these Regulations.
 - (2) Any owner or occupier of premises upon which commercial or industrial waste is

produced may make a written request to the local authority to arrange for the collection of all or any of such waste.

- (3) Upon receipt of a written request under sub-regulation (2), the local authority shall notify the applicant in writing within ten days whether or not it is able to collect the waste in question and where it is able to do so, the local authority shall enter into a written agreement with the owner or occupier of the premises or the producer of the waste, under which the local authority undertakes, for a fee, to collect the waste and to transport it to an approved waste disposal facility for disposal in accordance with these Regulations.
- (4) Unless otherwise provided under a written agreement referred to in sub-regulation (3), the local authority shall act as the agent of the producer of the waste in handling, transporting and disposing of the waste.

PART V: STORAGE, COLLECTION AND DISPOSAL OF WASTE IN WASTE CONTROL AREAS

Designation of waste control areas

- 13. (1) If the Minister for the Environment, acting on the advice of the Authority, and after consultation with the [competent authority/organ of Government responsible for rural development] considers that the disposal of waste in any non-urban area is resulting in an adverse effect, or there is a significant risk that it will result in an adverse effect, the Minister for the Environment may, by notice in the Gazette, designate the area as a waste control area.
 - (2) The organ of Government or public body that has primary responsibility for waste management in a waste control area:
 - (a) shall prepare and submit to the Authority for approval, a plan for the management of waste in the waste control area that conforms to the requirements of the Authority including any national waste strategy published by the Authority;
 - (b) shall designate one or more local waste disposal sites or local waste collection sites within each waste control area;
 - (c) shall inform the public within the waste control area of the location of these designated waste disposal and waste collection sites; and
 - (d) may request the Minister for the Environment to prescribe guidelines for the disposal of waste within the waste control area, either by regulation or in the form of a code of practice issued in accordance with section 87;
 - (e) shall report at least once annually to the Authority on the implementation of its waste management plan.

(3) An organ of Government or public body with primary responsibility for waste management in a waste control area, may with the consent of the Minister for the Environment, delegate some or all of its functions under this section to another organ of Government, public body, chief or traditional authority, or to an organisation which is representative of the people in the waste control area.

Duties of producers of waste in waste control areas

- 14. (1) Every person in a waste control area shall dispose of any household waste which they generate:
 - (i) in a local waste disposal site or at a local waste collection site designated by the Authority; or
 - (ii) within the boundaries of the site which they occupy, by burying the waste in a pit in the ground which is located at a safe distance from human living areas and drinking water sources.
 - (2) Every person in a waste control area shall comply with directions by the Authority regarding the proper management and safe disposal of waste, of which they are notified or which are widely publicized in the waste disposal area.
 - (3) Any person who contravenes sub-regulations (1) or (2) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

PART VI CARRIAGE OF WASTE

Special waste carrier licences

- 15. (1) No person shall transport special waste except under and in accordance with a special waste carrier licence issued by the Authority under this regulation.
 - (2) A person wishing to obtain a special waste carrier licence shall submit a written application to the Authority together with the fee prescribed in Schedule Four. The application shall include:
 - (a) a description of the types of special wastes which the applicant wishes to transport;
 - (b) the anticipated volume of special waste to be transported annually;
 - (c) a description of the containers and vehicles which will be used to transport the special waste;
 - (d) a description of the measures which will be taken to minimise

any potential danger to the environment or to human health (including the safety of workers) arising from the handling and transportation of the special waste;

- (e) a description of the emergency contingency plans which the carrier has or will establish to deal with any accidental escape of special waste or any other unexpected threat to human health or the environment arising from the transportation of special waste; and
- (f) any other information which the Authority may reasonably require in order to determine the application.
- (3) The Authority shall consider the application and if necessary request additional information from the applicant and within thirty days of receiving the application, or any additional information requested, shall decide whether or not to issue a special waste carrier licence and notify the applicant in writing of its decision.
- (4) If the Authority is satisfied, firstly that the carriage of the special waste will not cause an adverse effect, and secondly that the carrier will take all reasonable precautions to minimise the risk of causing an adverse effect, the Authority shall issue a special waste carrier licence subject to whatever terms and conditions the Authority considers appropriate, but if it is not satisfied on both these counts, it shall refuse the application giving reasons for the refusal.
- (5) A special waste carrier licence shall be valid for a period of three years, unless revoked in accordance with regulation 34(4).
- (6) This Part shall not apply to waste oil from motor vehicles.
- (7) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Consignment notes for special waste

16. (1) For the purposes of this regulation, in relation to a consignment of special waste:

"carrier" means the person who collects that waste from the premises at which it is being held and transports it to another place;

"consignee" means the person to whom that waste is transported;

"consignment note" means a note in a form corresponding to the form set out in Schedule 2, and includes any additional material accompanying the note; and

"consignor" means the person who causes that waste to be removed from the premises at which it is being held.

- (2) Five copies of a consignment note shall be prepared for each consignment of special waste, and in accordance with this regulation, one copy shall be retained by the consignor, one copy by the carrier, one copy by the consignee, and the consignee shall send two copies to the consignee's waste regulation authority.
- (3) The consignee's waste regulation authority shall retain one copy of the consignment note and, if applicable, shall send the other to the consignor's waste management authority.
- (4) Before a consignment of special waste is removed from the premises at which it is being held:
 - (a) five copies of the consignment note shall be prepared and the consignor shall ensure that Part A (consignment details) and Part C (consignor's collection certificate) is completed on each of the copies;
 - (b) the carrier shall ensure that:
 - (i) Part B (carrier's collection certificate) is completed on those five copies;
 - (ii) one copy of the consignment note on which parts A, B and C have been completed is given to the consignor before the consignment is removed; and
 - (iii) he or she receives four of the copies on which Parts A, B and C have been completed and gives them to the consignee before or at the time the consignee receives the consignment.
- (5) Subject to sub-regulation (7), the consignee shall on receiving a consignment:
 - (a) ensure that Part D (consignee's acceptance certificate) is completed on the four copies of the consignment note which the consignee receives;
 - (b) retain one completed copy;
 - (c) ensure that one completed copy is immediately given to the carrier; and
 - (d) ensure that the remaining two copies are given, within 7 days of receipt of the consignment, to the waste regulation authority for the area to which the consignment has been transported.
- (6) A waste regulation authority that receives copies of a consignment note for waste that has been transported from an area under the control of another waste regulation authority, shall immediately send a copy of that consignment note to the waste

regulation authority for the area from which the consignment was transported.

- (7) If a consignee refuses to accept delivery of a consignment of special waste, the requirements of sub-regulation (5) shall not apply to the consignee, and if the consignee has been given copies of the consignment note, the consignee shall, without completing Part D:
 - (a) retain one copy;
 - (b) ensure that two copies, accompanied by a written explanation of the reasons for not accepting delivery are given immediately to the waste regulation authority for the area to which the special waste has been transported; and
 - (c) ensure that the other copy is returned to the carrier.
- (8) If a consignee refuses to accept delivery of a consignment of special waste, as described in paragraph (7), the carrier shall ensure that the consignment of waste is:
- (i) returned to the consignor; or
- (ii) delivered to another consignee designated by the consignor.
- (9) Where a consignment of special waste is delivered to a consignee other than the consignee originally named in Part A of the consignment note, as described in paragraph (8) (ii) above, the carrier shall amend Part A of the consignment note accordingly and the consignor shall sign the amended Part of the consignment note before the new consignee may accept the consignment of waste.
- (10) The consignor and the carrier shall retain their copies of the consignment note for a minimum period of five years and the consignee and the consignee's waste regulation authority shall retain their copies of the consignment note for a minimum period of ten years.
- (11) The Authority may at any reasonable time inspect the consignment notes and records relating to the movement of special waste held by a consignor, carrier, consignee, or waste regulation authority.

PART VII: WASTE DISPOSAL FACILITIES

Construction and operation of a waste disposal facility

- 17. (1) No person may construct or operate a waste disposal facility, other than a local waste disposal site or a local waste collection site, except under and in accordance with the terms and conditions of an environmental compliance certificate.
 - (2) An applicant for an environmental compliance certificate for a waste disposal facility, shall submit to the Authority the following information:

- (a) a description of the site;
- (b) the anticipated volume and categories of waste to be disposed of at the site annually;
- (c) in the case of a landfill site, evidence that the site:
 - (i) meets the minimum requirements set out in Schedule One;
 - (ii) is not located in an area referred to in sub-regulation (3)(b); and
 - (iii) is located and designed and is capable of being operated in such a way as to ensure that any leachate or gaseous emission, will not cause any adverse effect.
- (3) The Authority shall not issue an environmental compliance certificate for a new landfill site or the upgrading of an existing site unless the Authority is satisfied that:
 - (a) subject to sub-regulation (4), the site meets the minimum requirements set out in Schedule One;
 - (b) the site is not located within:
 - (i) a national park, game reserve or any other protected area or area having national historical or archaeological significance;
 - (ii) an area which is flooded on average at least once every 25 years; or
 - (iii) an area in which geological faults occur; and
 - (c) the site is located and designed and is capable of being operated in such a way as to ensure that any leachate or gaseous emission, will not cause any adverse effect.
- (4) The Authority may grant exemptions from the minimum requirements in Schedule One in respect of a specific site where it is satisfied, based on the results of the environmental impact assessment and accompanying comprehensive mitigation plan, that there are good reasons for doing so and that the granting of the exemption will not result in any adverse effect.
- (5) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

PART VIII: WASTE MANAGEMENT LICENCES

Prohibition on unlicensed operation of a waste disposal facility

- 18. (1) No person may operate a waste disposal facility except under and in accordance with a waste management licence issued by the Authority under regulation 19.
 - (2) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Applications for waste management licences

- 19. (1) Every person wishing to be granted a waste management licence shall submit an application to the Authority setting out details of:
 - (a) the applicant (including name and contact details);
 - (b) the site, including relevant land use in the surrounding area;
 - (c) the proposed management and operating methods;
 - (d) the technical expertise and experience of the applicant and its staff in undertaking the waste management activities for which the licence is required;
 - (e) the actual and/or anticipated environmental impacts of the operation of the facility unless such information has already been submitted to the Authority in compliance with the requirements of the [Environmental Audit, Assessment and Review Regulations 1998];
 - (f) the fee prescribed in Schedule Four;
 - (g) the anticipated categories and quantities of waste to be handled and disposed of at the facility; and
 - (h) any other information which the Authority may reasonably require.
 - (2) If the applicant intends to operate a waste disposal facility, the applicant shall include, with the application, a facility operating plan for the waste disposal facility that shall as a minimum include:
 - (a) a set of facility rules and standards relating to the operation of the facility;
 - (b) a list of the types and volumes of waste which may be accepted at the facility;
 - (c) the technical standards of the facility;

- (d) the staffing of the facility including security and monitoring measures; and
- (e) the overall management of the facility.
- (3) Upon receipt of an application for a waste management licence the Authority shall inspect the site and may require the applicant to provide further information to enable the Authority to properly evaluate the application.
- (4) The Authority shall evaluate each application for a waste management licence and any other relevant information submitted to it in connection with the issuing of an environmental compliance certificate, and shall within sixty days of receipt of the application and all other information required by the Authority, either:
 - (a) grant a licence if the Authority is satisfied that the applicant has sufficient expertise to operate the waste disposal facility in accordance with guidelines prescribed by the Authority and in a manner which will not cause any adverse effect; or
 - (b) reject the application giving its reasons in writing to the applicant.
- (5) The Authority shall issue a waste management licence subject to whatever terms and conditions the Authority considers appropriate to ensure that the site is properly managed and the waste is disposed of without causing any adverse effect. These terms and conditions may be incorporated in the waste management licence by reference to the facility operating plan which shall form part of the waste management licence.
- (6) The Authority may by written notice to the holder of a waste management licence, amend the terms and conditions of the licence (including the provisions of the facility operating plan) if the Authority considers that the amendments are necessary to avoid or mitigate any adverse effect.
- (7) A waste management licence may not be surrendered by the holder except in accordance with regulation 20.
- (8) A waste management licence is not transferable by the holder but the Authority may transfer it to another person under regulation 21.
- (9) A waste management licence shall remain in force until it is revoked by the Authority under regulation 34(4) or its surrender is accepted by the Authority under regulation 20.
- (10) The operator of a waste disposal facility shall:
 - (a) take all reasonable steps to ensure that the disposal of waste at the site is carried out in such a manner as to avoid any adverse effect;
 - (b) refuse to accept special waste at the facility unless it is

delivered by the holder of a valid special waste management licence and special waste carrier licence and is accompanied by four copies of a consignment note in accordance with regulation 16;

- (c) ensure that special waste is disposed of separately in accordance with the requirements of the Authority;
- (d) monitor the site to ensure that the waste is being disposed of in accordance with the licence and without causing any adverse effect;
- (e) keep records on any monitoring for the duration of the waste management licence; and
- (f) submit any proposed amendment to the facility operating plan to the Authority for approval.
- (11) No amendment to the facility operating plan shall be effective unless approved by the Authority in writing and incorporated into the waste management licence.

Surrender of a waste management licence

- 19. (1) The holder of a waste management licence may not surrender the licence unless the Authority accepts the surrender in accordance with this regulation.
 - (2) The holder of a waste management licence may apply to the Authority for permission to surrender the licence and shall provide any information that the Authority may reasonably require to determine the application.
 - (3) Upon receipt of an application for the surrender of a waste management licence in respect of a waste disposal facility, the Authority shall inspect the facility, and the site, and:
 - (a) if the Authority is satisfied that there is no significant risk of any adverse effects being caused directly or indirectly by the waste disposed of at the site, it shall accept the surrender of the licence;
 - (b) if the Authority is not satisfied under paragraph (a), it shall refuse to accept the surrender of the licence, and shall notify the applicant of the measures that the Authority requires the applicant to take to remove the risk of any adverse effects, in order for the Authority to accept the surrender of the licence.
 - (4) If the holder of the licence fails to take the measures referred to in sub-regulation (3)(b), the Authority may take the measures and recover the costs incurred in doing so from the licence holder.
 - (5) Where the surrender of a licence is accepted under sub-regulation (3), the Authority shall issue to the applicant a certificate of completion stating that it is satisfied as stated in sub-regulation (3)(a) and, on the issue of that certificate, the licence shall cease to have

effect.

Transfer of a waste management licence

- 19. (1) A waste management licence may be transferred to another person only in accordance with this regulation.
 - (2) Where the holder of a waste management licence wishes to transfer the licence to another person ("the proposed transferee") the licence holder and the proposed transferee shall jointly make an application to the Authority and shall provide whatever information the Authority may reasonably require to determine the application.
 - (3) If the Authority is satisfied that the proposed transferee has sufficient expertise to operate the waste disposal facility in accordance with guidelines prescribed by the Authority and in a manner which will not cause harm to the environment or human health, the Authority shall effect a transfer of the licence to the proposed transferee, and if it is not so satisfied it shall refuse the transfer application.
 - (4) The Authority shall effect a transfer of a licence under the sub-regulation (3) by causing to be endorsed with the name and other particulars of the proposed transferee as the holder the licence of the licence from such date specified in the endorsement as may be agreed with the applicants.

PART IX: SPECIAL WASTE

Storage and collection of special waste

- 22. (1) The owner or occupier of every premises upon which special waste is produced shall ensure that all special waste is separated from other waste, and is stored in separate containers pending disposal, in accordance with Authority's requirements.
 - (2) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Classification of special waste

23. If any person is unable to determine whether or not any particular waste is hazardous waste, clinical waste or other waste, that person shall refer the matter to the Authority whose decision shall be final.

Special waste management licences

24. (1) No person shall keep, treat or dispose of special waste except under and in accordance with a special waste management licence issued under this regulation.

- (2) Every owner or occupier of any land or premises on which special waste is kept, treated or disposed of shall make a written application to the Authority for a special waste management licence accompanied by payment of the fee prescribed in Schedule Four, and if the waste is kept, treated or disposed of within an urban area, shall simultaneously submit a copy of the application to any local authority concerned.
- (3) An application for a special waste management licence shall include details of:
 - (a) the chemical composition, nature and volume of the waste which is being, or will be, produced;
 - (b) the industrial process, trade or activity giving rise to the waste;
 - (c) the frequency of disposal of the waste;
 - (d) the number of persons employed on the premises;
 - (e) the way in which the applicant proposes to keep, treat or dispose of the special waste, including storage and handling procedures;
 - (f) a copy of the special waste carrier licence or an application for such a licence, relating to the transport or proposed transport of the special waste, regardless of whether or not the carrier and the applicant are the same person;
 - (g) the precautions which will be taken to avoid any adverse effects being caused by the special waste; and
 - (h) any other matter, including testing and laboratory analyses, which the Authority may reasonably require in order to determine the application.
- (4) After receipt of the application, the Authority may require the applicant to provide further information to enable the Authority to evaluate the application properly.
- (5) The Authority shall evaluate each application for a special waste management licence and any other relevant information submitted to it, and shall within twenty days of receipt of the application and all other information required by the Authority, either:
 - (a) grant a special waste management licence if the Authority is satisfied that the proposed method of keeping, treating and disposing of the special waste will not cause any adverse effects; or
 - (b) reject the application giving its reasons in writing to the applicant and require the applicant to submit a revised application.
- (6) The Authority shall issue a special waste management licence subject to whatever

terms and conditions the Authority considers appropriate to ensure that the waste is stored, handled, treated and/or disposed of without causing any adverse effects.

- (7) The terms and conditions referred to in paragraph (6) shall be specified in the licence, and may include conditions requiring the applicant:
 - (a) to treat the waste in order to render it non-hazardous or less hazardous in accordance with standards and procedures prescribed by the Authority, at the place where it is produced;
 - (b) to ensure that adequate records are kept and contractual arrangements concluded to enable the Authority to track any consignment of waste from the place where it is produced to the place where it is finally disposed of and to determine which party had custody of the waste at each point;
 - (c) to take any other measures in respect of the waste which the Authority considers appropriate to ensure that the waste does not cause any adverse effects.
- (8) The Authority may, by written notice to the holder of a special waste management licence, amend the terms and conditions of the licence if the Authority considers that the amendments are necessary to avoid or mitigate any adverse effects.
- (9) A special waste management licence shall remain in effect for a period of five years, provided that the holder of the licence shall notify the Authority of any significant change in the volume or nature of the waste during the licence period and upon such notification the Authority may alter the licence as necessary to ensure that the waste is kept, treated, and/or disposed of, without causing any adverse effects.
- (10) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Clinical Waste Generators

- 25. (1) The owner or occupier of any land or premises on which clinical waste is produced shall ensure that all clinical waste produced on the premises is immediately placed in heavy duty plastic bags or other containers prescribed by the Authority which are colour coded in accordance with sub-regulation (2).
 - (2) All plastic bags and containers containing clinical waste shall be colour coded and labelled as follows:
 - (a) all clinical waste which has not been sterilised and rendered non-infectious shall be placed in heavy duty red plastic bags at the point of generation;
 - (b) all clinical waste which has been sterilised by autoclave,

- microwave, chemical or other non-burning method, shall be placed in heavy duty yellow plastic bags;
- (c) all sharps, whether sterilised or not, shall be placed in rigid, sealed, plastic containers clearly marked "Clinical Waste Sharps" in red lettering.
- (3) All clinical waste shall be sterilised prior to final disposal in accordance with the requirements of the Authority, either on the premises where the waste was produced or at an authorised waste disposal facility.
- (4) Every owner or occupier of premises on which clinical waste is produced shall provide periodic training on proper clinical waste handling procedures to all employees who may come in contact with clinical waste, in accordance with the requirements of the Authority.
- (5) No person shall place clinical waste in any container that is not colour coded in accordance with sub-regulation (2).
- (6) Any person who contravenes sub-regulations (1), (3), (4) or (5) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

PART X: RECOVERY OF WASTE

Waste separation at approved waste disposal facilities

- 26. (1) No person shall sort or separate any waste for the purpose of recovery at an approved waste disposal facility, except under and in accordance with:
 - (a) a waste management licence in respect of that waste disposal facility;
 - (b) a waste recovery licence issued under regulation 27(4); or
 - (c) a waste separation permit issued under this regulation.
 - (2) Any person wishing to obtain a waste separation permit shall apply in person to the Authority or to the local authority or any other body to whom the Authority has delegated authority to issue waste separation permits.
 - (3) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #].

Commercial waste recovery

- 27. (1) No person shall undertake a business which involves the recovery of waste and which employs more than ten people, except under and in accordance with a waste recovery licence issued by the Authority.
 - (2) A person wishing to obtain a waste recovery licence shall submit a written application to the Authority that shall include:
 - (a) details of the applicant;
 - (b) a description of the site(s) at which the recovery operations will be conducted and whether or not they are within an existing waste disposal site;
 - (c) a description of the material(s) the applicant wishes to recover;
 - (d) the anticipated volume of the materials;
 - (e) a description of the proposed manner of recovery;
 - (f) the number of persons to be employed in the operation;
 - (g) a description of storage containers to be used, their location and frequency of collection; and
 - (h) a health and safety plan for all sorting workers to include safety clothing and training.
 - (3) If the waste recovery business is to be undertaken partially or wholly within an approved waste disposal facility, the application under sub-regulation (2) shall in addition, include:
 - (a) details of the precautions which will be taken to avoid disruption of the normal operation of the waste disposal facility; and
 - (b) confirmation that all sorting activities shall conform to the facility operating plan.
 - (4) The Authority shall consult with any local authority in whose area of jurisdiction the waste recovery business is to be undertaken and if any part of the business is to be undertaken within an approved waste disposal facility, with the operator of the waste disposal facility and, taking their views into account, the Authority shall by written notice to the applicant copied to the parties consulted, either:
 - (a) issue a waste recovery permit subject to such terms and conditions as the Authority considers appropriate; or

- (b) refuse the application giving reasons for the refusal.
- (5) If the Authority is satisfied that waste recovery activities within an approved waste disposal facility will increase the operating costs of the waste disposal facility the Authority may require the applicant to pay a fee to the operator of the waste disposal facility as a condition of the issue of the waste recovery licence.
- (6) A waste recovery permit issued for sorting at an approved waste disposal facility shall be valid for a period of five years, unless revoked in accordance with regulation 34(4).
- (7) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Waste collection for recovery purposes

- 28. (1) No person shall place any specialised containers (other than a waste receptacle referred to in regulation 10) on any land, street or public place, for the purpose of sorting, storing or collecting recyclable materials such as paper, plastic, tins or glass bottles, or food waste for animal consumption, without a permit issued by the waste regulation authority for the area.
 - (2) An application for a permit under sub-regulation (1) shall include the following information:
 - (a) a description of the materials to be sorted, stored or collected;
 - (b) a description of the containers to be used for storing, storing or collecting those materials, and their specific location;
 - (c) the schedule for, and method of, collecting the materials; and
 - (d) the methods to be employed to control litter around the container(s);
 - (3) Upon receipt and evaluation of an application for maintaining, sorting, storing or collecting containers under this regulation, the local authority or the Authority may by written notice:
 - (a) accept and approve of the application as submitted;
 - (b) attach such conditions to the approval of the application as the local authority or the Authority considers necessary to avoid or mitigate any adverse effects; and/or
 - (c) reject the application and order the removal of any existing containers.

(4) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #].

PART XI: LITTERING AND ABANDONED VEHICLES

Littering

- 29. (1) No person shall dispose of waste in such a manner that it becomes litter or is likely to become litter.
 - (2) The driver and the owner of a vehicle from which litter is discarded in contravention of sub-regulation (1) shall be strictly, and jointly and severally, liable for the offence.
 - (3) Every person shall take all reasonable measures to prevent any contravention by any other person of sub-regulation (1).
 - (4) Any person who contravenes sub-regulations (1), (2) or (3) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Receptacles in public places and buses

- 30. (1) Every local authority shall cause litter receptacles to be placed in public places within its area of jurisdiction where littering is likely to occur, including parks, public markets, commercial shopping areas, bus and train stations, and shall cause such receptacles to be emptied before they reach full capacity and in any case at least once per week.
 - (2) The owner of any commercially operated bus, minibus or taxi shall ensure that it is equipped with litter receptacles and that notices are displayed in conspicuous places in the vehicle informing all passengers that littering is an offence under the laws of Swaziland.
 - (3) Any person who contravenes sub-regulation (2) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #].

Abandoned Vehicles

- 31. (1) No person shall place, throw, discard or abandon any vehicle or vehicle scrap upon any street, public place or unoccupied land.
 - (2) If a vehicle or vehicle scrap has been abandoned on any street, public place or unoccupied land in an urban area and has not been moved in at least thirty days, the

local authority shall make reasonable efforts to identify the owner of the vehicle or vehicle scrap.

- (3) If the owner is identified the local authority shall give a written notice to the owner requiring the owner to remove the vehicle or vehicle scrap within 10 days.
- (4) If the owner cannot be identified or does not comply with a notice given under sub-regulation (3), the local authority may remove the vehicle or vehicle scrap and may serve an order on the owner requiring the owner to reimburse the local authority for the costs of removing the vehicle or vehicle scrap.
- (5) If the owner fails to pay the costs specified in the notice the local authority may recover these costs as a liquidated debt by way of summary judgement proceedings.
- (6) Any person who contravenes sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #].

PART XII: WASTE MANAGEMENT PLANS

Solid Waste Management Plans

- 32. (1) Each local authority shall prepare and submit to the Authority for approval, a long-term plan for the management of waste that conforms to the requirements of the Authority including any national waste strategy published by the Authority.
 - (2) Every solid waste plan shall include the following components:
 - (a) details of the quantity and composition of household, commercial, and industrial waste currently produced in the area;
 - (b) projections of the quantity and composition of solid waste generation over the next 10 years;
 - (c) a description of current methods of solid waste management including collection, transportation, recycling, intermediate processing and disposal;
 - (d) details of the capacities and remaining life of existing disposal facilities; and
 - (e) a timetable for upgrading current solid waste management facilities, and goals for the management of solid waste over the next 10 years.

PART XIII: ENFORCEMENT

Authorised officers

- 33. (1) The Director may designate in writing any public officer, official of a municipality or representative of a traditional authority, either by name or *ex officio*, as an authorised officer for the purpose of enforcing these Regulations.
 - (2) An authorised officer may:
 - (a) without a warrant:
 - (i) enter, inspect and search any premises, other than a building used exclusively as a dwelling house, if the authorised officer has reason to believe that the provisions of these Regulations are being contravened or are reasonably likely to be contravened;
 - (ii) stop, enter and search any vehicle, vessel of aircraft which he has reasonable grounds to believe may be transporting waste in contravention of these Regulations;
 - (b) inspect, seize and take copies of any documents which may constitute evidence of the commission of an offence under these Regulations;
 - (c) remove any waste deposited in contravention of these Regulations.

Enforcement Notices

- 34. (1) If the Authority believes that any condition of any licence or permit granted under these Regulations is being breached or that any adverse effect is being caused, or is likely to be caused, by operations or activities carried out under the licence or permit, the Authority may serve a notice on the licence holder requiring that person to remedy the breach and/or to take specified measures to prevent or mitigate the adverse effect, within a reasonable period stipulated in the notice.
 - (2) The Authority may by notice in writing to the holder of a licence or permit suspend the licence or permit with immediate effect if the Authority considers that this is necessary to prevent or mitigate a significant risk of a potential adverse effect occurring.
 - (3) If the licence or permit holder fails to remedy the breach or to take the measures specified in the notice, within the period stipulated in the notice, the Authority may suspend the licence or permit, and give a further notice to the licence or permit holder that if the breach is not remedied, or the specified steps are not taken, within a further period of time stipulated in the notice, the licence or permit will be revoked.

- (4) If the breach is not remedied, or the specified steps are not taken, within the further period referred to in the notice given under sub-regulation (3), the Authority may:
 - (a) revoke the licence or permit;
 - (b) in the case of a waste management licence appoint a new operator or take over the management of the facility for a limited period; and/or
 - (c) take the necessary steps to remedy the breach, or prevent or mitigate the adverse effect, and recover the cost from the licence or permit holder.
- (5) During suspension of a waste management licence under this regulation, waste which would normally be disposed of at the facility to which the licence relates may be stored or disposed of at an alternative facility approved by the Authority and in accordance with the requirements of the Authority.
- (6) Any licence or permit holder who fails to take measures to prevent or mitigate any adverse effect stipulated in a notice under sub-regulation (1) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Enforcement of special waste management licences

- 35. (1) The Authority may, by notice in writing to the holder of a special waste management licence, suspend the licence with immediate effect if the Authority considers that this is necessary to prevent or mitigate a significant risk of a potential adverse effect occurring.
 - (2) If the Authority believes that any condition of a special waste management licence is being breached or that any adverse effect is being caused or is likely to be caused by the storage, handling, treatment or disposal of the special waste, the Authority may serve a notice on the licence holder requiring that person to remedy the breach and/or to take specified measures to prevent or mitigate the adverse effect, within a reasonable period stipulated in the notice.
 - (3) If the licence holder fails to remedy the breach or to take the measures specified in the notice, within the period stipulated in the notice, the Authority may suspend the licence, and give a further notice to the licence holder that if the breach is not remedied, or the specified steps are not taken, within a further period of time stipulated in the notice, the licence will be revoked.
 - (4) If the breach is not remedied, or the specified steps are not taken, within the further period referred to in the notice given under sub-regulation (3), the Authority may:
 - (a) take the necessary steps to remedy the breach or to prevent

or mitigate the adverse effects, and recover the cost from the holder of the special waste management licence; and/or

- (b) revoke the licence.
- (5) Any holder of a special waste management licence who fails to take measures to prevent or mitigate adverse effects stipulated in a notice under sub-regulation (2) commits an offence and is liable on conviction to a fine not exceeding [E #] and on a second or subsequent conviction, to a fine not exceeding [E #] and, in the case of a natural person, to imprisonment for not more than [# months], or to both imprisonment and a fine.

Revision of Licences and Permits

36. The Authority may upon notice to the licence or permit holder revise a licence or permit issued under these Regulations if it is necessary in order to avoid or mitigate any adverse effects.

Abatement Notices

- 37. (1) If the Authority believes that any person is contravening any provision of these regulations or that any waste under the control of any person is causing an adverse effect or is posing a significant risk of a potential adverse effect occurring, the Authority may by written notice served on that person, require the person to take specified steps to comply with these Regulations or to remove or reduce the risk, within a period specified in the notice.
 - (2) If a person fails to comply with a notice under sub-regulation (2), the Authority may cause the required measures to be taken and may order the person on whom the notice was served to reimburse the Authority for the costs of taking such steps.
 - (3) Any person who is aggrieved by a cost order under sub-regulation (2) may appeal to the Minister in accordance with section 17(1) of the Act.

PART XIV: FINAL PROVISIONS

Fees

38. Nothing in these Regulations shall preclude the Authority or a local authority or other person from charging a reasonable fee for any services rendered in compliance with a duty under these Regulations.

Transitional Provisions

- 39. (1) Within ninety days of these Regulations entering into force ("the date of commencement"):
 - (a) any person operating a waste disposal facility on the date of

commencement who does not hold a valid environmental compliance certificate in respect of the facility must conduct an environmental audit in accordance with the [Environmental Audit, Assessment and Review Regulations 1999]; and apply for a waste management licence in accordance with regulation 19;

- (b) any owner or occupier of land or premises on which special waste is being produced on or before the date of commencement shall apply for a special waste management licence in accordance with regulation 24;
- (c) any owner or occupier of land or premises on which clinical waste is being produced on or before the date of commencement shall place all clinical waste in colour coded plastic bags or containers in accordance with regulation 25(2);
- (d) any person engaged in waste separation at a waste disposal site shall apply for a waste separation permit in accordance with regulation 26;
- (e) any person engaged in commercial waste recovery shall apply for a waste recovery licence in accordance with regulation 27; and
- (f) any person maintaining containers for the purpose of sorting, storing and collecting recyclable materials on the date of commencement shall apply for permission to continue doing so in accordance with regulation 28.
- (2) Notwithstanding the provisions of any other regulation, the persons referred to in sub-regulation (1) shall be deemed to have permission from the Authority to continue with the activities in question until their application is decided in accordance with these Regulations, or if they fail to submit an application under sub-regulation (1), until the expiry of the period of ninety days calculated from the date of commencement.

SCHEDULE ONE (Regulation 17(3))

MINIMUM STANDARDS FOR LANDFILL SITES

Location

- 1. The location of the landfill should not give rise to any adverse effects or a significant risk of any adverse effects occurring.
- 2. Solid waste landfills shall meet the following minimum technical location standards:
 - (a) the bottom of the landfill shall be at least 3 metres above the seasonal high ground water level;
 - (b) the edge of the landfill shall not be closer than 60 metres to a surface water body and 100 metres upstream from a public water supply well; and
 - (c) the landfill shall not be located in aquifer recharge areas or public water supply catchment areas unless there are no other feasible alternatives, in which case the landfill shall be lined with appropriate material and subject to additional water quality monitoring.
- 3. The technical design of the landfill shall meet the standards required by the Authority to ensure that the operation of the facility does not cause not cause an adverse effect or give rise to a significant risk of a potential adverse effect occurring.

Land use Impacts

- 4. No landfill site shall be located in any area where it is likely to have a significant negative impact on existing land uses.
- 5. All new landfill site shall meet the following criteria:
 - (a) the site shall not be closer than 3 000 metres from an airport, airfield or site reserved for the construction of an airport or airfield;
 - (b) the site shall be located and operated in such a manner that it does not create significant negative impacts on flora and fauna on adjoining land;
 - (c) the site shall not be closer than 300 metres from an existing residential development;
 - (d) the edge of the landfill shall not be closer than 100 metres from an area to which the public have access, a national park, protected area or an area having national historical or archaeological significance;
 - (e) there must be a buffer area around the landfill of at least 20 metres to allow provision for visual screening from adjoining property and/or future access for installing additional ground water quality monitoring facilities and/or future remediation in the event of migration of gases or leachates; and
 - (f) landfill access roads shall be located and constructed so as to have a minimum impact on adjacent residents.

SCHEDULE TWO

FORM OF CONSIGNMENT NOTE

(Regulation 16(1))

CONSIGNMENT NOTE FOR SPECIAL WASTE

(Waste Regulations 1999)

Name of consignor's waste regulation authority:

PA	RT A. CONSIGNMENT D	DETAILS [] Tick if additional sheet(s) attached.
1.	The special waste described below is to be removed from:	Address:
2	The consignor is:	Name: Contact: Telephone:
3.	The consignor's special waste management licence no. is:	
4.	The consignment will be:	a single consignment [] a series []*
5.	The waste will be taken to:	Address:
6	The consignee is:	Name: Contact: Telephone:
7.	The consignee's special waste management licence no. is:	
8.	The waste was generated by (if different from the consignor)	Name: Contact: Telephone:
	DESCRIPTION OF THE WASTE	(Refer to guidance notes)
10	The waste is:	,
11.	The waste code is:	
12.	The process was:	
13.	The physical nature of the waste is:	solid [] powder [] liquid [] sludge [] gas [].*
14.	The significant chemical/ biological components that make the waste special are:	Component Concentration (% or mg per kg*)
15.	The dominant hazards are:	flammable [] highly flammable [] oxidising [] explosive [] toxic [] carcinogenic [] irritant [] corrosive [] harmful [] ecotoxic [] other [] *
16.	Quantity etc. details are:	Container type: Size: Number:
		Waste Weight (kg/t*):

			32
	Waste \	/ol. (m³/litres*):	
PART B.	CARRIER'S COLLECTION	N CERTIFICATE	
1. The	consignment details (if different f	rom Part A, 11) are	
	ertify that I have today collected the 11, 16 and B1 above, are correct so	•	
Name:	On behalf of (firm):	Date:	Signed:
PART C.	CONSIGNOR'S COLLECT	ION CERTIFICA	ГЕ
vali	rtify that the information in Parts d d Special Waste Carrier Licence ropriate precautionary measures.		
Name:	On behalf of (firm):	Date:	Signed:
PART D	CONSIGNEE'S ACCEPTAN	NCE CERTIFICA	ГЕ
	y that the consignee holds a valid horises the management of the was	-	agement Licence number []
2. I accept	t this special waste on	at	hours.
3. The we	ight/volume of the waste accepted	is: kg/t*	m³/litres*
4. The spe	ecial waste will be:		
landfille incinera treated		nd reused or recycle	ed []

Signed:

Date:

On behalf of (firm):

other (give details) []

Name:

^{*} Delete as appropriate. Tick box or boxes as appropriate.

SCHEDULE THREE

(regulation 4)

Part A: HAZARDOUS WASTE LIST

In part A of this Schedule Chapter Headings are assigned 2 and 4 digit codes and each category of hazardous waste is assigned a 6 digit waste code.

02 WASTE FROM AGRICULTURAL, HORTICULTURAL, HUNTING, FISHING AND AQUACULTURE PRIMARY PRODUCTION, FOOD PREPARATION AND PROCESSING

0201 PRIMARY PRODUCTION WASTE

020105 agrochemical wastes

WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PAPER, CARDBOARD, PULP, PANELS AND FURNITURE

0302 WOOD PRESERVATION WASTE

030201	non-halogenated organic wood preservatives
030202	organochlorinated wood preservatives
030203	organometallic wood preservatives
030204	inorganic wood preservatives

04 WASTES FROM THE LEATHER AND TEXTILE INDUSTRIES

0401 WASTES FROM THE LEATHER INDUSTRY

040103 degreasing wastes containing solvents without a liquid phase

0402 WASTES FROM TEXTILE INDUSTRY

040211 halogenated wastes from dressing and finishing

05 WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL

OILY SLUDGES AND SOLID WASTES

050103	tank bottom sludges
050104	acid alkyl sludges
050105	oil spills

050107 acid tars 050108 other tars

0504 SPENT FILTER CLAYS

oso401 spent filter clays

0506 WASTE FROM THE PYROLYTIC TREATMENT OF COAL

050601 acid tars 050603 other tars

0507 WASTE FROM NATURAL GAS PURIFICATION

oso701 sludges containing mercury

0508 WASTES FROM OIL REGENERATION

050801 spent filter clays 050802 acid tars 050803 other tars

aqueous liquid waste from oil regeneration

06 WASTES FROM INORGANIC CHEMICAL PROCESSES

0601 WASTE ACIDIC SOLUTIONS

060101 sulphuric acid and sulphurous acid
060102 hydrochloric acid
060103 hydrofluoric acid
060104 phosphoric and phosphorous acid
060105 nitric acid and nitrous acid
060199 waste not otherwise specified

0602 ALKALINE SOLUTIONS

060201 calcium hydroxide 060202 soda

060203 ammonia

060299 wastes not otherwise specified

0603 WASTE SALTS AND THEIR SOLUTIONS

of odd salts and solutions containing cyanides

0604 METAL-CONTAINING WASTES

060402 metallic salts (except 0603) 060403 wastes containing arsenic 060404 wastes containing mercury

			J
	060405	wastes containing heavy metals	
0607	WASTES FR	OM HALOGEN CHEMICAL PROCESSES	
	060701	wastes containing asbestos from electrolysis	
	060702	activated carbon from chlorine production	
0613	WASTES FR	OM OTHER INORGANIC CHEMICAL PROCESSES	
	061301	inorganic pesticides, biocides and wood preserving agents	
	061302	spent activated carbon (except 060702)	
WAST	TES FROM O	RGANIC CHEMICAL PROCESSES	
0701		OM THE MANUFACTURE, FORMULATION, SUPPLY AND)
	USE (MFSU)	OF BASIC ORGANIC CHEMICALS	
	070101	aqueous washing liquids and mother liquors	
	070103	organic halogenated solvents, washing liquids and mother liquors	
	070104	other organic solvents, washing liquids and mother liquors	
	070107	halogenated still bottoms and reaction residues	
	070108	other still bottoms and reaction residues	
	070109	halogenated filter cakes, spent absorbents	
	070110	other filter cakes, spent absorbents	
0702	WASTE FRO	OM THE MFSU OF PLASTICS, SYNTHENC RUBBER AND	
	MAN-MADE	FIBRES	
	070201	aqueous washing liquids and mother liquors	
	070203	organic halogenated solvents, washing liquids and mother	
		liquors	
	070204	other organic solvents, washing liquids and mother liquors	
	070207	halogenated still bottoms and reaction residues	
	070208	other still bottoms and reaction residues	

0703 WASTE FROM THE MFSU FOR ORGANIC DYES AND PIGMENTS (EXCLUDING 0611)

other filter cakes, spent absorbents

halogenated filter cakes, spent absorbents

070301	aqueous washing liquids and mother liquors
070303	organic halogenated solvents, washing liquids and mother
	liquors
070304	other organic solvents, washing liquids and mother liquors
070307	halogenated still bottoms and reaction residues
070308	other still bottoms and reaction residues
070309	halogenated filter cakes, spent absorbents
070310	other filter cakes, spent absorbents

070209

070210

07

0704 WASTE FROM THE MFSU FOR ORGANIC PESTICIDES (EXCEPT 020105)

070401	aqueous washing liquids and mother liquors
070403	organic halogenated solvents, washing liquid and mother
liquors	
070404	other organic solvents, washing liquids and mother liquors
070407	halogenated still bottoms and reaction residues
070408	other still bottoms and reaction residues
070409	halogenated filter cakes, spent absorbents
070410	other filter cakes, spent absorbents

0705 WASTE FROM THE MFSU OF PHARMACEUNCALS

070501 070503	aqueous washing liquids and mother liquors organic halogenated solvents, washing liquid and mother
liquors	
070504	other organic solvents, washing liquids and mother liquors
070507	halogenated still bottoms and reaction residues
070508	other still bottoms and reaction residues
070509	halogenated filter cakes, spent absorbents
070510	other filter cakes, spent absorbents

0706 WASTE FROM THE MFSU OF FATS, GREASE, SOAPS, DETERGENTS, DISINFECTANTS AND COSMETICS

070601	aqueous washing liquids and mother liquors
070603	organic halogenatedsolvents, washing liquid and mother liquors
070604	other organic solvents, washing liquids and mother liquors
070607	halogenated still bottoms and reaction residues
070608	other still bottoms and reaction residues
070609	halogenated filter cakes, spent absorbents
070610	other filter cakes, spent absorbents

0707 WASTE FROM THE MFSU OF FINE CHEMICALS AND CHEMICAL PRODUCTS NOT OTHERWISE SPECIFIED

070701 070703	aqueous washing liquids and mother liquors organic halogenated solvents, washing liquid and mother
liquors	
070704	other organic solvents, washing liquids and mother liquors
070707	halogenated still bottoms and reaction residues
070708	other still bottoms and reaction residues
070709	halogenated filter cakes, spent absorbents
070710	other filter cakes, spent absorbents

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS

ENAMELS), ADHESIVE, SEALANTS AND PRINTING INKS

0801 WASTES FROM MFSU OF PAINT AND VARNISH 080101 waste paints and varnish containing halogenated solvents 080102 waste paints and van-tish free of halogenated solvents 080106 sludges from paint or varnish removal containing halogenated solvents 080107 sludges from paint or varnish removal free of halogenated solvents 0803 WASTES FROM MFSU OF PRINTING INKS

080301	waste ink containing halogenated solvents
080302	waste ink free of halogenated solvents
080305	ink sludges containing halogenated solvents
080306	ink sludges free of halogenated solvents

0804 WASTES FROM MFSU OF ADHESIVE AND SEALANTS (INCLUDING WATER-PROOFING PRODUCTS)

080401	waste adhesives and sealants containing halogenated solvents
080402	waste adhesives and sealants free of halogenated solvents
080405	adhesive and sealants sludges containing halogenated solvents
080406	adhesives and sealants sludges free of halogenated solvents

09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY

0901 WASTES FROM PHOTOGRAPHIC INDUSTRY

090101	water based developer and activator solutions
090102	water based offset plate developer solutions
090103	solvent based developer solutions
090104	fixer solutions
090105	bleach solutions and bleach fixer solutions
090106	waste containing silver from on-site treatment of photographic
	waste

10 INORGANIC WASTES FROM THERMAL PROCESSES

1001 WASTES FROM POWER STATION AND OTHER COMBUSTION PLANTS (EXCEPT 1900)

100104	oil fly ash
100109	sulphuric acid

1003 WASTES FROM ALUMINIUM THERMAL METALLURGY

100301	tars and other carbon-containing wastes from anode
	manufacture
100303	skimmings
100304	primary smelting slags/white drosses
100307	spent pot lining
100308	salt slags from secondary smelting
100309	black drosses from secondary smelting
100310	waste from treatment of salt slags and black drosses treatment

1004 WASTES FROM LEAD THERMAL METALLURGY

100401	slags (1st and 2nd smelting)
100402	dross and skimmings (1st and 2nd smelting)
100403	calcium arsenate
100404	flue gas dust
100405	other particulates and dust
100406	solid waste from gas treatment
100407	sludges from gas treatment

1005 WASTES FROM ZINC THERMAL METALLURGY

100501	slags (1st and 2nd smelting)
100502	dross and sldmmings (Ist and 2nd smelting)
100503	flue gas dust
100505	solid waste from gas treatment
100506	sludges from gas treatment

1006 WASTES FROM COPPER THERMAL METALLURGY

100603	flue gas dust
100605	waste from electrolytic refining
100606	solid waste from gas treatment
100607	sludges from gas treatment

11 INORGANIC WASTE WITH METALS FROM METAL TREATMENT AND THE COATING OF METALS; NON-FERROUS HYDRO-METALLURGY

1101 LIQUID WASTES AND SLUDGES FROM METAL TREATMENT AND COATING OF METALS (e.g. GALVANIC PROCESSES, ZINC COATING PROCESSES, PICKLING PROCESSES, ETCHING, PHOSPHATIZING, ALKALINE DE-GREASING)

110101	cyanidic (alkaline) wastes containing heavy metals other than
	chromium
110102	cyanidic (alkaline) wastes which do not contain heavy metals
110103	cyanide-free wastes containing chromium

110105	acidic pickling solutions
110106	acids not otherwise specified
110107	alkalis not otherwise specified
110108	phosphatizing sludges

1102 WASTES AND SLUDGES FROM NON-FERROUS HYDROMETALLURGICAL PROCESSES

sludges from zinc hydrometallurgy (including jarosite, geothite)

1103 SLUDGES AND SOLIDS FROM TEMPERING PROCESSES

110301 wastes containing cyanide

other wastes

12 WASTES FROM SHAPING AND SURFACE TREATMENT OF METALS AND PLASTICS

1201 WASTES FROM SHAPING (INCLUDING FORGING, WELDING, PRESSING, DRAWING, TURNING, CUTTING AND FILING)

120106	waste machining oils containing halogens (not emulsioned)
120107	waste machining oils free of halogens (not emulsioned)
120108	waste machining emulsions containing halogens
120109	waste machin ing emulsions free of halogens
120110	synthetic machining oils
120111	machining sludges
120112	spent waxes and fats

1203 WASTES FROM WATER AND STEAM DEGREASING PROCESSES (EXCEPT 1100)

120301 aqueous washing liquids 120302 steam degreasing wastes

13 OIL WASTES (EXCEPT EDIBLE OILS)

1301 WASTE HYDRAULIC OILS AND BRAKE FLUIDS

130101	hydraulic oils, containing PCBs or PCTs
130102	other chlorinated hydraulic oils (not emulsions)
130103	non-chlorinated hydraulic oils (not emulsions)
130104	chlorinated emulsions
130105	non-chlorinated emulsions
130106	hydraulic oils containing only mineral oil
130107	other hydraulic oils
130108	brake fluids

1302 WASTE ENGINE, GEAR AND LUBRICATING OILS

130201	chlorinated engine, gear and lubricating oils
130202	non-chlorinated engine, gear and lubricating oils
130203	other machine gear and lubricating oils

1303 WASTE INSULATING AND HEAT TRANSMISSION OILS AND OTHER LIQUIDS

130301	insulating or heat transmission oils and other liquids containing
	PCBs or PCTs
130302	other chlorinated inswating and heat transmission oils and other
	liquids
130303	non-chlorinated insulating and heat transmission oils and other
	liquids
130304	synthetic insulating and heat transmission oils and other liquids
130305	mineral insulating and heat transmission oils

1304 BILGE OILS

130401	bilge oils from inland navigation
130402	bilge oils from jetty sewers
130403	bilge oils from other navigation

1305 OIL/WATER SEPARATOR CONTENTS

130501	oil/water separator solids
130502	oil/water separator sludges
130503	interceptor sludges
130504	desalter sludges or emulsions
130505	other emulsions

1306 OIL WASTE NOT OTHERWISE SPECIFIED

oil waste not otherwise specified

14 WASTES FROM ORGANIC SUBSTANCES EMPLOYED AS SOLVENTS (EXCEPT 0700 AND0800)

1401 WASTES FROM METAL DEGREASING AND MACHINERY MAINTENANCE

140101	chlorofluorocarbons
140102	other halogenated solvents and solvent
140103	other solvents and solvent mixes
140104	aqueous solvent mixes containing halogens
140105	aqueous solvent mixes free of halogens

	140106 140107	sludges or solid wastes containing halogenated solvents sludges or solid wastes free of halogenated solvents
1402	WASTES FROM TEXTILE CLEANING AND DEGREASIN NATURAL PRODUCTS	
	140201	halogenated solvents and solvent mixes
	140202 140203 140204	solvent mixes or organic liquids free of halogenated solvents sludges or solid wastes containing halogenated solvents sludges or solid wastes containing other solvents
-		ROM THE ELECTRONIC INDUSTRY
	140301	chlorofluorocarbons
	140302	other halogenated solvents
	140303	solvents and solvent mixes free of halogenated solvents
	140304	sludges or solid was, tes containing halogenated solvents
	140305	sludges or solid wastes containing other solvents
1404	WASTES FROM COOLANTS, FOAM/AEROSOL PROPELLANT	
	140401	chlorofluorocarbons
	140402	other halogenated solvents and solvent mixes
	140403	other solvents and solvent mixes
	140404	sludges or solid wastes containing halogenated solvents
	140405	sludges or solid wastes containing other solvents
1405	WASTES FR BOTTOMS)	ROM SOLVENT AND COOLANT RECOVERY (STILL
	140501	chlorofluorocarbons
	140502	halogenated solvents and solvent mixes
	140503	other solvents and solvent mixes
	140504	sludges containing halogenated solvents
	140505	sludges containing other solvents
TT A C		
WAS	TES NOT OT	HERWISE SPECIFIED IN THE CATALOGUE
1602	DISCARDE	D EQUIPMENT AND SHREDDER RESIDUES
	160201	transformers and capacitors containing PCBs or PCTs
1604	WASTE EX	PLOSIVES
	160401	waste ammunition
	160402	fireworks waste
	•	

other waste explosives

160403

16

1606 BATTERIES AND ACCUMULATORS

160601 lead batteries 160602 Ni-Cd batteries 160603 mercury dry cells

160606 electrolyte from batteries and accumulators

1607 WASTE FROM TRANSPORT AND STORAGE TANK CLEANING (EXCEPT 0500 AND 1200)

160701 waste from marine transport tank cleaning, containing chemicals
 160702 waste from marine transport tank cleaning, containing oil
 160703 waste from railway and road transport tank cleaning, containing oil
 160704 waste from railway and road transport tank cleaning, containing chemicals
 160705 waste from storage tank cleaning, containing chemicals
 160706 waste from storage tank cleaning, containing oil

17 CONSTRUCTION AND DEMOLITION WASTE (INCLUDING ROAD CONSTRUCTION)

1706 INSULATION MATERIALS

insulation materials containing asbestos

18 WASTE FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCLUDING KITCHEN AND RESTAURANT WASTES WHICH DO NOT ARISE FROM IMMEDIATE HEALTH CARE)

1801 WASTE FROM NATAL CARE, DIAGNOSIS, TREATMENT OR PREVENTION OF DISEASE IN HUMANS

other wastes whose collection and disposal is subject to special

requirements in view of the prevention of infection

1802 WASTE FROM RESEARCH, DIAGNOSIS, TREATMENT OR PREVENTION OF DISEASE INVOLVING ANIMALS

other wastes whose collection and disposal is subject to special

requirements in view of the prevention of infection

180204 discarded chemicals

19 WASTES FROM WASTE TREATMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE WATER INDUSTRY

1901 WASTES FROM INCINERATION OR PYROLYSIS OF MUNICIPAL AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES

190103	fly ash
190104	boiler dust
190105	filter cake from gas treatment
190106	aqueous liquid waste from gas treatment and other aqueous
	liquid wastes
190107	solid waste from gas treatment
190110	spent activated carbon from flue gas treatment

1902 WASTES FROM SPECIFIC PHYSICOICHEMICAL TREATMENTS OF INDUSTRIAL WASTES (e.g. DECHROMATATION, DECYANIDATION, NEUTRALIZATION)

metal hydroxide sludges and other sludges from metal

insolubilization treatment

1904 VITRIFIED WASTES AND WASTES FROM VITRIFICATION

190402 fly ash and other flue gas treatment wastes 190403 non-vitrified solid phase

1908 WASTES FROM WASTE WATER TREATMENT PLANTS NOT OTHERWISE SPECIFIED

190803 grease and oil mixture from oil/waste water separation
 190806 saturated or spent ion exchange resins
 190807 solutions and sludges from regeneration of ion exchangers

20 MUNICIPAL WASTES AND SIMILAR COMMERCIAL INDUSTRIAL AND INSTITUTIONAL WASTES INCLUDING SEPARATELY COLLECTED FRACTIONS

2001 SEPARATELY COLLECTED FRACTIONS

200112	paint, inks, adhesives and resins
200113	solvents
200117	photo chemicals
200119	pesticides
200121	fluorescent tubes and other mercury containing waste

PART B

HAZARDOUS PROPERTIES

- Hl "Explosive": substances and preparations which may explode under the effect of flame or which are more sensitive to shocks or friction than dinitrobenzene.
- H2 "Oxidizing": substances and preparations which exhibit highly exothermic reactions when in contact with other substances, particularly flammable substances.

H3-A "Highly flammable":

- liquid substances and preparations having a flash point below 21'C (including extremely flammable liquids), or
- substances and preparations which may become hot and finally catch fire in contact with air at ambient temperature without any application of energy, or
- solid substances and preparations which may readily catch fire after brief contact with a source of ignition and which continue to bum or to be consumed after removal of the source of ignition, or
- gaseous substances and preparations which are flammable in air at normal pressure, or
- substances and preparations which, in contact with water or damp air, evolve highly flammable gases in dangerous quantities.
- H3-B "Flammable": liquid substances and preparations having a flash point equal to or greater than 21'C and less than or equal to 55'C.
- H4 "Irritant": non-corrosive substances and preparations which, through immediate, prolonged or repeated contact with the skin or mucous membrane, can cause inflammation.
- HS "Harmful": substances and preparations which, if they are inhaled or ingested or if they penetrate the skin, may involve limited health risks.
- H6 "Toxic": substances and preparations (including very toxic substances and preparations) which, if they are inhaled or ingested or if they penetrate the skin, may involve serious, acute or chronic health risks and even death.
- H7 "Carcinogenic": substances and preparations which, if they are inhaled or ingested or if they penetrate the skin, may induce cancer or increase its incidence.
- HB "Corrosive": substances and preparations which may destroy living tissue on contact.
- H9 "Infectious": substances containing viable micro-organisms, or their toxins which are known or reliably believed to cause disease in man or other living organisms.

- H10 "Teratogenic": substances and preparations which, if they are inhaled or ingested or if they penetrate the skin, may induce non-hereditary congenital malformations or increase their incidence.
- Hll "Mutagenic": substances and preparations which, if they are inhaled or ingested or if they penetrate the skin, may induce hereditary genetic defects or increase their incidence.
- H12 Substances and preparations which release toxic or very toxic gases in contact with water, air or an acid.
- H13 Substances and preparations capable by any means, after disposal, of yielding another substance, e.g. a leachate, which possesses any of the characteristics listed above.
- H14 "Ecotoxic": substances and preparations which present or may present immediate or delayed risks for one or more sectors of the environment.

PART III

THRESHOLDS FOR CERTAIN HAZARDOUS PROPERTIES

In the waste:

- the total concentration of substances classified as irritant and having assigned to them any of the risk phrases R36 ("irritating to the eyes"), R37 ("irritating to the respiratory system") or R38 ("irritating to the skin") is equal to or greater than 20%;
- the total concentration of substances classified as irritant and having assigned to them the risk phrase R41 ("risk of serious damage to eyes") is equal to or greater than 10%;
- the total concentration of substances classified as harmful is equal to or greater than 25%; -the total concentration of substances classified as very toxic is equal to or greater than 0. 1%; -the total concentration of substances classified as toxic is equal to or greater than 3%;
- the total concentration of substances classified as carcinogenic and placed by the approved classification and labeling guide in category 1 or 2 of that classification is equal to or greater than 0.1%;
- the total concentration of substances classified as corrosive and having assigned to them the risk phrase R34 ("causes burns") is equal to or greater than 5%; and
- the total concentration of substances classified as corrosive and having assigned to them the risk phrase R35 ("causes severe bums") is equal to or greater than 1%.

PART IV

RULES FOR THE INTERPRETATION OF THIS SCHEDULE

- (1) This Schedule shall be interpreted in accordance with rules prescribed by the Authority.
- (2) For the purposes of paragraph (1), the Authority shall make documents describing the rules for the interpretation of this Schedule available for inspection and copying at its offices during office hours.

SCHEDULE FOUR

SCHEDULE OF FEES

TASK	Regulation no.	FEE
Application for a special waste carrier licence	15	E#
Application for a waste management licence	19(1)	E#
Application for a special waste management licence	24(2)	E#