

283
Order
of the Ministry of the Environment of the Slovak Republic
of 11 June 2001
implementing certain provisions of the Act on Wastes

The Ministry of the Environment of the Slovak Republic, in accordance with Art. 68 par. 3 points a), f), h) and n) of Act No. 223/2001 Coll. of Laws on wastes and on amendments to certain acts (hereinafter referred to as the "Act"), has adopted the following:

Article 1
Scope

This Order regulates:

- a) details of the contents of waste management plans (hereinafter referred to as "plans") and the preparation process of regional plans, district plans, waste generator plans, and municipal plans,
- b) the content and methods of keeping and maintaining waste records by waste holders, hazardous waste carriers, operators of waste recovery facilities, and operators of waste disposal facilities, and the total period of records retention, and also the content and methods of keeping and maintaining records on production quantities and the import of products according to Part Five of the Act and wastes thereof and the period for their maintenance, as well as the content and method of keeping records of registered persons,
- c) details on the method of marking batteries and accumulators,
- d) details on waste handling, requirements regarding waste handling facilities, details on the operation of waste handling facilities, details on the content of applications for delivering decisions and statements by the state administration authority for waste management.

PART ONE
WASTE MANAGEMENT PLANS

Article 2
Content of plans

- (1) All plans shall be elaborated taking into account environmental efficiency, economic effectiveness, and social acceptability.
- (2) All programmes shall include:
 - a) basic data,
 - b) characteristics of the current status of waste management,
 - c) obligatory part,
 - d) target part,
 - e) waste management budget.
- (3) Regional and district plans shall be elaborated pursuant to the outlines listed in Annex No. 1.
- (4) Plans for waste generators and plans for municipalities shall be elaborated pursuant to the outlines listed in Annex No. 2.

Article 3
Basic data

- (1) Basic data on regional and district plans shall contain identification data for the authority issuing the plan and basic data on the territory covered by the plan.

(2) Basic data on waste generator plans shall include identification data for the waste generator concerned and on the characteristics of the activities.

(3) Basic data on municipal plans shall include identification data on the municipality concerned and on the area and number of inhabitants.

Article 4

Characteristics of current status of waste management

(1) Characteristics of the current status of waste management in a region or district shall include data on the quantity of waste over a specific period, information on existing waste recovery facilities and on existing waste disposal facilities, and separate information on waste landfills and data on waste shipment.

(2) Characteristics of the current status concerning the waste management of waste generators and municipalities shall contain data on the quantities of waste over a specific period of time and data on waste recovery facilities in operation and waste disposal facilities in operation.

Article 5

Obligatory part of plan

(1) The obligatory part of a regional plan or district plan shall include:

a) data on waste broken down into the following items:

1. spent batteries and accumulators,
2. waste oils,
3. used tyres,
4. waste from multi-layer combined materials,
5. electronic scrap,
6. waste from polyethylene terephthalate,
7. waste from polyethylene,
8. waste from polypropylene,
9. waste from polystyrene,
10. waste from polyvinyl chloride,
11. waste from fluorescent tubes containing mercury,
12. waste paper,
13. waste glass,
14. end-of-life vehicles,

b) data on biodegradable wastes,

c) organisational, technological and production measures for waste prevention,

d) measures for reducing biodegradable waste transferred to landfills, expressed as units of mass for initial and target year, with the aim of reducing waste quantities transferred to landfills as follows:

1. up to 9 years from the date of entry into force of this Order, the quantity of biodegradable municipal waste transferred to landfills shall be reduced to 75% of the total amount (by weight) of biodegradable municipal waste generated in 1995,
2. up to 12 years from the date of entry into force of this Order, the quantity of biodegradable municipal waste transferred to landfills shall be reduced to 50% of the total amount (by weight) of biodegradable municipal waste generated in 1995,
3. up to 19 years from the date of entry into force of this Order, the quantity of biodegradable municipal waste transferred to landfills shall be reduced to 35% of the total amount (by weight) of biodegradable municipal waste generated in 1995.

(2) The obligatory part of the waste plan for a waste generator or plan for a municipality shall include:

- a) information about forecasted waste generation and the recovery ratio and disposal in the initial and target years of the plan, broken down according to the items given in paragraph 1 points a) and b),
- b) organisational, technological and production measures for reducing the generation of hazardous waste in cases where the waste generator concerned generates more than 50 kg annually, and measures for the reducing other waste generation in cases where the waste generator concerned generates more than one ton annually,
- c) the measures given in paragraph 1 point c).

Article 6 Target part of plan

The target part of the plan shall include information about intents to construct waste recovery facilities, waste disposal facilities or facilities for other handling of waste.

Article 7 Waste management budget

The waste management budget shall include:

- a) a summary of the waste management budget for the previous period, along with data on costs incurred and sources for covering them,
- b) a budget for the planned period together with data on the total planned costs broken down in to costs for waste recovery, waste disposal and other activities related to waste handling, as well as sources for covering those costs.

PART TWO KEEPING RECORDS

Article 8 Fundamental provisions

(1) For the purpose of keeping records, wastes shall be categorised according to the Catalogue of Wastes.¹⁾

(2) Records may be kept in either written or electronic form.

(3) Reports based on the kept records shall be submitted using the forms according to the specimens given in Annexes No. 4 and 6 to 9 or by using similar printed reports from electronic data processing.

Article 9 Keeping records on waste

(1) Records on waste²⁾ shall be kept for all categories of waste according to the waste types given on the waste registration notes form according to the specimen given in Annex No. 3 with no restriction on quantity; records shall be kept independently for each establishment.³⁾

¹⁾ Art. 68 par. 3 point e) of Act No. 223/2001 Coll. of Laws.

²⁾ Art. 19 par. 1 point g), Art. 21 par. 1 point f), Art. 41 par. point a), Art. 42 par. 5 point a), Art. 43 par. 7 point a), Art. 44 par. 7 point a), Art. 45 par. 6 point a), Art. 46 par. 7 point a), Art. 47 par. 6 point a), Art. 48 par. 9 point a) and Art. 52 par. 1 point e) of Act No. 223/2001 Coll. of Laws on wastes and on amendments to certain acts.

³⁾ Art. 17 par. 1 of Act No. 455/1991 Coll. on trade licensing (Trade Licensing Act) as amended by Act No. 132/1994 Coll. of Laws.

(2) In cases where hazardous waste is recorded on the waste registration notes form, a Y Code according to the Catalogue of Waste shall also be assigned to each type of hazardous waste. If more than one Y Code can be assigned to a particular type of hazardous waste, the Y Code used shall be that which is decisive regarding the hazardous characteristics of the waste.

(3) Waste registration notes shall be completed continuously throughout the calendar year concerned.

(4) The waste generator shall maintain waste registration notes for a period of five years.

Article 10 Reports on waste generation and handling

(1) In cases where a facility handles annually more than 50 kg total of hazardous wastes or more than one ton of other wastes, a report on waste generation and handling⁴⁾ shall be submitted by the waste generator using the specimen form given in Annex No. 4; in cases where wastes listed in Annex No. 5 are generated, the waste generation and handling report must be submitted regardless of quantity.

(2) Reports on waste generation and handling shall be submitted for a period of one calendar year and shall be sent to the appropriate authority and to the Recycling Fund⁵⁾ on or before 31 January of the following calendar year.

(3) Together with the report on waste generation and handling, reports on the generation and handling of spent batteries and accumulators and spent batteries and accumulators from equipment with built in batteries and accumulators shall also be submitted according to paragraphs 1 and 2 for the period of the calendar year quarter concerned using the specimen form given in Annex No. 4.

(4) The reports given in paragraph 3 shall be sent to the appropriate authority and to the Recycling Fund on or before the tenth day of the month following the respective quarter of the calendar year.

(5) Reports on waste generation and handling shall be maintained in written form for a period of five years.

Article 11 Registration notes for landfills and registration notes for waste recovery facilities and waste disposal facilities

(1) Registration notes for landfills shall be kept by landfill operators according to the specimen given in Annex No. 6.

(2) Registration notes for waste recovery facilities and registration notes for waste disposal facilities shall be kept by the respective operators of the facilities according to the specimen given in Annex No. 7.

(3) Registration notes for landfills, registration notes for waste recovery facilities, and registration notes for waste disposal facilities shall be completed for a period of one calendar year and shall be sent to the appropriate authority on or before 31 January of the following year.

(4) Registration notes for landfills shall be maintained by the landfill operator for a period of 30 years after closure of the respective landfill.

⁴⁾ Art. 19 par. 1 point h), Art. 21 par. 1 point g), Art. 41 par. 18 point b), Art. 42 par. 5 point b), Art. 43 par. 7 point b), Art. 44 par. 7 point b), Art. 45 par. 6 point b), Art. 46 par. 7 point b), Art. 47 par. 6 point b), Art. 48 par. 9 point b) and Art. 52 par. 1 point g) of Act No. 223/2001 Coll. of Laws.

⁵⁾ Art. 41 par. 18 point b), Art. 42 par. 5 point b), Art. 43 par. 7 point b), Art. 44 par. 7 point b), Art. 45 par. 6 point b), Art. 46 par. 7 point b), Art. 47 par. 6 point b), Art. 48 par. 9 point b) and Art. 52 par. 1 point g) of Act No. 223/2001 Coll. of Laws.

(5) Registration notes for waste recovery facilities and registration notes for waste disposal facilities shall be maintained by the operator of the respective facility throughout the whole period of operation and for a further 10 years after the termination of the facility's operation.

Article 12 Records on shipped hazardous waste

(1) Records on shipped hazardous wastes shall be kept on a hazardous waste consignment note⁶⁾ (hereinafter referred to as "consignment note"), a specimen of which is given in Annex No. 8.

(2) The consignment note shall form an integral part of the shipping documents kept in compliance with special regulations.⁷⁾

(3) Waste consignors and waste consignees shall maintain consignment notes for a period of five years.

(4) Reports on the shipment of hazardous wastes⁸⁾ shall be submitted by the waste consignor and the waste consignee on the copy of the consignment note. The report shall be sent by the waste consignor within ten days from initial shipment of the hazardous waste.

Article 13 Keeping records and reports on quantities of production, import, export and re-export

(1) Records on quantities of production, import, export and re-export of specified products⁹⁾ shall be continually kept by their producer and importer.

(2) Reports on quantities of production, import, export and re-export shall be submitted once per calendar year quarter by the producer and importer concerned using the specimen form given in Annex No. 9 to the appropriate authority and to the Recycling Fund on or before the tenth day of the month following the respective quarter of the calendar year.

(3) Reports on quantities of production, import, export and re-export shall be maintained in written form by producers and importers for a period of five years.

Article 14 List of registered persons

The list of registered persons¹¹⁾ shall include:

- a) registration number,
- b) date of registration,
- c) name and surname, date of birth, birth number and permanent residence¹²⁾ (hereinafter referred to as "personal data") of a registered natural person – entrepreneur; in cases where a responsible

⁶⁾ Art. 20 par. 2 point a) of Act No. 223/2001 Coll. of Laws.

⁷⁾ For instance Act of the National Council of the Slovak republic No. 168/1996 Coll. of Laws on road traffic as amended by subsequent regulations.

⁸⁾ Art. 20 par. 2 point b) of Act No. 223/2001 Coll. of Laws.

⁹⁾ Art. 41 par. 17 point b), Art. 42 par. 12 point a), Art. 43 par. 5 point a), Art. 44 par. 6 point a), Art. 45 par. 5 point a), Art. 46 par. 6 point a), Art. 47 par. 5 point a), Art. 48 par. 8 point a) of Act No. 223/2001 Coll. of Laws.

¹⁰⁾ Art. 41 par. 17 point b), Art. 42 par. 12 point b), Art. 43 par. 5 point b), Art. 44 par. 6 point b), Art. 45 par. 5 point b), Art. 46 par. 6 point b), Art. 47 par. 5 point b), Art. 48 par. 8 point b) of Act No. 223/2001 Coll. of Laws.

¹¹⁾ Art. 15 par. 5 of Act No. 223/2001 Coll. of Laws.

¹²⁾ Act No. 135/1982 Coll. on reporting and registration of citizens residence

- representative¹³⁾ has been appointed, their personal data; the personal data of the statutory body or members of the statutory body of the registered legal entity,
- d) the business name and place of business of the registered natural person – entrepreneur; the business name and seat of the registered legal entity,
 - e) the company identification number (IČO),
 - f) activity performed by the registered person and waste types subject to that activity.

Article 15

Maintenance of records on the collection of certain wastes including their repurchase

- (1) Records on the collection of certain wastes, including their repurchase,¹⁴⁾ shall include:
- a) personal data of the natural person or representative of the legal entity from whom the waste is received,
 - b) business name and place of business – entrepreneur from whom the waste is received; the business name and seat of the legal entity from whom the waste is received,
 - c) the type of waste received or repurchased,
 - d) the quantity of waste received or repurchased.
- (2) Records on collection including the repurchase of non-ferrous metals shall be maintained by the collector for a period of five years.

PART THREE BATTERIES AND ACCUMULATORS

Article 16

Marking of batteries and accumulators

- (1) Batteries and accumulators¹⁵⁾ shall be marked by:
- a) a symbol prohibiting their mixing with household waste; specimens are included in Annex No. 10,
 - b) a symbol indicating the heavy metal content and consisting of the chemical symbol of the respective metal (mercury – Hg, cadmium – Cd, lead – Pb) and information on its content according to the type of battery or accumulator.
- (2) The symbol given in paragraph 1 point a) shall cover at least 3% of the surface area of the largest side of the battery or accumulator and its size shall be no greater than 5 cm x 5 cm.
- (3) For cylindrical battery cells, the symbol given in paragraph 1 point a) shall cover at least 3% of half of the battery or accumulator surface and its size shall be no greater than 5 cm x 5 cm.
- (4) Where the symbol given in paragraph 2 is less than 0.5 cm x 0.5 cm, it shall be depicted on the packaging of the battery or accumulator and its size shall be 1 cm x 1 cm.
- (5) The symbol given in paragraph 1 point b) shall be placed below the symbol given in paragraph 1 point c) and must cover an area of the at least one-quarter of the size of the symbol given in paragraph 2.
- (6) The symbols must be visible, legible and inefaceable.

PART FOUR WASTE HANDLING

TITLE ONE

¹³⁾ Art. 11 and 12 of Act No. 455/1991 Coll. as amended by Act No. 132/1994 Coll. of Laws.

¹⁴⁾ Art. 19 par. 3 point c) of Act No. 223/2001 Coll. of Laws.

¹⁵⁾ Art. 41 par. 1 of Act No. 223/2001 Coll. of Laws.

DETAILS OF WASTE HANDLING

Article 17 Waste treatment

- (1) Waste treatment including sorting shall mean a physical, chemical or biological process that changes the characteristics of the waste for the purposes of its further handling.
- (2) Wastes containing high proportions of organic matter, in particular vegetable waste, biological sludge from waste water treatment plants, municipal waste components containing a high proportion of organic matter, and other similar wastes shall be initially treated biologically.
- (3) When treating waste by solidification, the waste shall be solidified using inorganic or organic binding material in order to prevent the escape of substances harmful to the environment.

Article 18 Waste recovery

- (1) Waste recovery shall be performed as
 - a) material recovery,
 - b) energy recovery.
- (2) Material recovery shall mean the utilisation of waste as secondary raw material for the production of a useful product through:
 - a) reclamation by separation of parts of the waste suitable for further direct use,
 - b) regeneration by renewal of the original properties of the material in such a way that it can be used for its original purpose,
 - c) recycling by returning the waste back into the production cycle for the production of socially required products with the aim of saving primary mineral resources.
- (3) Material recovery shall also mean the use of any part of the waste.
- (4) Energy recovery shall mean using the waste as a means of energy generation.

Article 19 Analytical control of hazardous wastes

- (1) A hazardous waste holder delivering waste to a hazardous waste handling facility shall provide analytical control of the waste within the scope specified in the operating order of the respective facility. The waste holder shall submit a report to the facility operator on the analytical control of wastes elaborated according to the specimen given and to the extent specified in Annex No. 11.
- (2) Operating order for a hazardous waste handling facility shall contain a specification of the extent of the analyses for individual waste types handled in that facility. The operating order shall individually specify the extent of waste analyses for the initial shipment of waste to the facility and separately for multiple shipments of waste to the facility; in cases where there is a change in the waste composition, a new analysis shall be performed to the extent corresponding to the analysis of the initial shipment of waste.
- (3) The initial shipment of waste to the facility shall mean the first delivery of a specific waste type for its further handling.
- (4) Multiple shipments of waste to the facility shall mean repeated delivery of the same waste type as the waste delivered during the initial shipment of waste for its further handling.

(5) In the case of hazardous waste consisting of compacted pieces identical to the original product (fluorescent lamps, accumulators, etc.), analytical control of waste shall be data from the accompanying product documentation regarding its composition. In the case of hazardous waste with hazardous characteristics resulting from the total composition of the waste, analytical control of the waste shall be data on the relevant hazardous characteristics from available special literature.

(6) The waste holder may deliver to the waste handling facility only such waste corresponding to the submitted analytical control of the waste.

(7) The analytical control of waste and identification of hazardous characteristics of waste shall be carried out by persons assigned according to a special regulation.¹⁶⁾

TITLE TWO REQUIREMENTS FOR WASTE HANDLING FACILITIES

Article 20 Marking of waste handling facilities

(1) A waste handling facility must be marked with an information board visible from areas accessible to the public and containing in particular:

- a) name of facility,
- b) business name and seat or place of business of facility operator,
- c) operating hours of facility,
- d) list of waste types handled at facility,
- e) name of state administration authority issuing consent for operation of facility,
- f) name and surname of person responsible for operation of facility and contact telephone number.

(2) Hazardous wastes and storage areas where hazardous waste are stored must be marked by a hazardous waste identification card, a specimen of which is given in Annex No. 12.

Article 21 Hazardous waste handling technology

The introduction of a new hazardous waste handling technology to the market¹⁷⁾ shall only be permitted if such technology is environmentally suitable and represents the best available technology from a technical and economic point of view as verified under pilot operation or operational conditions.

Article 22 Waste accumulation

(1) Premises for the accumulation of waste shall be proposed, constructed and operated in such a way as to avoid undesirable effects on the environment and damage to tangible property. In particular, areas not in use, shelters, buildings and above and underground tanks can serve as premises for the accumulation of waste..

(2) A waste storage area shall mean any area or object intended for the storage of waste prior to recovery or disposal, allowing control and ensuring protection of the environment.

(3) For the storage of hazardous waste the same storage areas may be used as for products and preparations with the same hazardous characteristics as the stored hazardous waste, though hazardous waste must be stored in such a way as to avoid confusion.

¹⁶⁾ Act No. 264/1999 Coll. of Laws on technical requirements for products and on compliance assessment and on amendments to certain acts.

¹⁷⁾ Art. 17 par. 1 point i) of Act No. 223/2001 Coll. of Laws.

(4) The storage areas for hazardous waste must meet the same technical and security requirements as the storage areas for storing chemical substances, preparations and products with the same hazardous characteristics as the stored hazardous waste.

(5) Containers, barrels and other packaging containing hazardous waste must:

- a) be distinguished from unused equipment not intended for handling waste, e.g. distinguished through shape, description or colour,
- b) ensure protection of the waste against external effects which could lead to undesirable reactions in the waste (e.g. fire, explosion),
- c) be resistant to mechanical damage,
- d) be resistant to chemical effects,
- e) meet requirements according to special regulations.¹⁸⁾

(6) The handling of hazardous waste shall also be covered by regulations applicable to chemical substances and preparations and products having the same hazardous characteristics.¹⁹⁾

TITLE THREE WASTE LANDFILLS

Article 23 Fundamental provisions

(1) Underground storage of waste shall mean permanent storage of wastes in a facility in a deep underground cavity such as salt or potassium mines.

(2) Leachate shall mean any liquid percolating through the deposited waste and emitted from or contained within a landfill.

(3) Landfill gas shall mean the gases generated from the landfill waste.

(4) Eluate shall mean the solution obtained by a laboratory leaching test under specific conditions.⁽²⁰⁾

(5) Biodegradable waste shall mean any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food waste, waste paper and paperboard, and garden and park waste, etc.

(6) Liquid waste shall mean any waste in liquid form excluding sludge.

Article 24 Selection of localities for waste landfills

The following criteria shall be taken into account when selecting the locality for a landfill, in particular:

- a) secure distance⁽²¹⁾ from the boundary of the future landfill site to residential and recreation areas, waterways, water bodies and water sources,

¹⁸⁾ For instance Act. 26 of Act No. 163/2001 Coll. of Laws on chemical substances and chemical preparations, Art. 8b par. 1 point c) of Act of the National Council of the Slovak Republic No. 330/1996 Coll. of Laws on the health and safety at work as amended by Act No. 158/2001 Coll. of Laws, Art. 9 of Order of the Ministry of Health of the Slovak republic No. 109/1995 Coll. of Laws on requirements for operation of health service establishments in the light of health protection, Art. 4 to 6 of Order of the Ministry of the Interior of the Slovak Republic No. 86/1999 Coll. of Laws establishing principles of fire protection in relation handling and storing of flammable liquids, heavy fuel oils and vegetable and animal fats and oils.

¹⁹⁾ Act No. 163/2001 Coll. of Laws.

⁽²⁰⁾ Art. 68 par. 3 point l) of Act No. 223/2001 Coll. of Laws.

- b) geological, hydrological, hydrogeological and mechanical-geological conditions in the vicinity,
- c) the protection of nature, landscape and cultural heritage in the vicinity,
- d) the acceptable burden on the territory,²²⁾
- e) possible extreme meteorological effects and their impacts,
- f) conclusions from an environmental impact assessment study.²³⁾

Article 25 Classes of landfills

(1) Landfills shall be classified into the following classes:

- a) landfills for inert waste,
- b) landfills for non-hazardous waste,
- c) landfill for hazardous waste.

(2) Inert waste shall mean waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matters with which it comes into contact in a way likely to give rise to air pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant and not endanger the quality of surface water or underground water. The concentration limits for substances in water eluates shall not exceed the values specified in Annex No. 13.

(3) For the purpose of landfilling, non-hazardous waste shall mean waste which does not have any of hazardous characteristics.²⁴⁾

Article 26 Requirements for sealing waste landfills

(1) A landfill must be sealed in such a way that a geological barrier or an artificial base sealing layer for the landfill and a top sealing layer for the landfill result in protection of the soil, surface water and groundwater after closure.

(2) The landfill base and sides shall consist of a geological barrier with thickness and permeability meeting the following requirements:

- a) landfills for inert waste: $k_r \leq 1,0 \cdot 10^{-7}$, thickness ≥ 1 m,
- b) landfills for non-hazardous waste: $k_r \leq 1,0 \cdot 10^{-9}$, thickness ≥ 1 m,
- c) landfills for non-hazardous waste: $k_r \leq 1,0 \cdot 10^{-9}$, thickness ≥ 5 m.

(3) Where the geological barrier fails to meet the requirement given in paragraph 2, it shall be completed artificially. The artificially completed geological barrier (mineral layer) shall be no less than 0.5 m thick with permeability of $k_r \leq 1.0 \times 10^{-10}$ for landfills containing hazardous wastes, $k_r \leq 1.0 \times 10^{-9}$ for landfills containing non-hazardous wastes, and $k_r \leq 1.0 \times 10^{-7}$ for landfills containing inert wastes. The landfill sealing must be supplemented by at least one layer of high-density polyethylene foil (HDPE), 2.5 mm thick for landfills containing hazardous waste and 1.5 mm thick for landfills containing non-hazardous waste.

²¹⁾ For instance Art. 143 point d) of Act No. 50/1976 Coll. on territorial planning and building code (Building Act) as amended by subsequent regulations, Art. 25 par. 1 of Act No. 138/1973 Coll. on waters (Water Act), Art. 4 of Order of the Government of the Slovak Socialist Republic No. 13/1987 Coll. on certain protected zones of natural accumulation of waters, Art. 3 par. 3 point b) of Order of the Government of the Slovak Socialist Republic No. 46/1978 Coll. on certain protected zones of natural accumulation of waters at Žitný ostrov, Art. 23 of Order of the Ministry of Health of the Slovak Socialist Republic No. 15/1972 Coll. on the protection and development of natural health resorts and natural health resources.

²²⁾ Art. 5 of Act No. 17/1992 Coll. on the environment.

²³⁾ Art. 20 of Act of the National Council of the Slovak Republic No. 127/1994 on the environmental impact assessment.

²⁴⁾ Art. 2 par. 13 of and Annex No. 4 to Act No. 223/2001 Coll. of Laws.

(4) The artificial mineral sealing layer must have characteristics preventing adverse changes to the landfill base due to the landfilling and capable of adapting to base deformations; it shall be laid in two layers of 0.25 m each.

(5) In the case of the soil which is to be used as the artificial mineral sealing layer, the following characteristics shall be measured: grain size, humidity, limits of consistency and derived values, absorption capacity, organic content, calcium content, clay-like minerals, density according to Proctor, hydraulic permeability, modulus of rigidity and shearing strength.

(6) A protective layer at least 0.2 m thick shall be laid between the plastic foil and the drainage layer in order to protect the plastic foil against mechanical damage; the protective layer shall consist of sand or gravel with a grain size of not less than 8 mm. Various types of suitable geotextiles can also be used as an additional layer.

Article 27

Draining and collection of leachate and collection of landfill gas

(1) Appropriate measures shall be taken at any landfill in order to control leachate and manage the leachate regime providing in particular for:

- a) control of water from precipitations entering into the landfill body,
- b) prevention of surface water and groundwater from entering into the landfill waste,
- c) drainage and collection of leachate,
- d) the treatment of leachate collected from the landfill in order to comply with discharge values into the sewerage system or recipient²⁵⁾ or transport of the leachate to a suitable sewage treatment plant.

(2) The drainage layer of the landfill must be at least 0.5 m thick; waste landfills built before the entry of this Order into force must have a drainage layer at least 0.3 m thick. Gravel with a diameter of 16/32 mm not containing calcareous admixtures shall be used as the material for the drainage layer. Drainage pipes shall have a diameter of at least 200 mm. Slit holes shall be at least 2 mm wide and at least 30 mm long. Pipelines with circle holes shall have holes with a diameter of at least 12 mm. Pipelines shall be wrapped in a suitable geotextile protecting against the entry of fine particles.

(3) The drainage pipelines must empty into a leachate accumulation tank. Sewer manholes with an inside diameter of at least 1.0 m shall be built for inspection and cleaning of the drainage pipelines at intervals of not more than 150 m. The drainage pipelines must be flushed at least twice a year.

(4) The longitudinal gradient of the drainage pipelines must be at least 1%, and the gradient of the internal drainage (transverse gradient) shall be at least 2%.

(5) The provisions of paragraphs 1 to 4 shall not apply to landfills for inert waste.

(6) There shall be a suitable peripheral drainage system of suitable dimensions for the drainage of surface water from the vicinity of the landfill.

(7) Landfill gas shall be collected from all landfills receiving biodegradable waste. The collected landfill gas must be treated and used to produce energy; if the landfill gas collected cannot be used to produce energy, it must be flared.

(8) The collection, treatment and use of landfill gas shall be carried on in a manner which minimises or does not have any negative effects on the environment and human health.

Article 28

Constructional and technical requirements for landfill construction

²⁵⁾ Order of the Government of the Slovak Republic No. 242/1993 Coll. of Law establishing indicators for maximum allowed pollution of waters

- (1) A landfill site shall have:
- a) an information board,
 - b) an approach road²⁶⁾ to the landfill and paved carriageways at the landfill site,
 - c) a fence and lockable gates,
 - d) a weighing-machine,
 - e) operating premises containing all the necessary equipment,
 - f) fire extinguisher,²⁷⁾
 - g) a sealing system for the landfill depending on the class of the landfill,
 - h) a drainage system with a leachate collection tank, except for landfills for inert wastes,
 - i) a drainage system for landfill gas and an installation for its use or disposal, except for landfills for wastes where landfill gas is not likely to originate,
 - j) a groundwater monitoring system, except for landfills for inert wastes,
 - k) a landfill gas monitoring system, except for landfills for wastes where landfill gas is not likely to originate,
 - l) a drainage system for surface water,
 - m) an installation for cleaning vehicles,
 - n) other installations necessary for operation of the landfill.

(2) Any landfill must have a fence in order to prevent free access to the landfill. The gates must be locked outside operating hours. The system of control and access to the landfill must contain measures to prevent dumping of wastes at the landfill without a consent of the landfill operator.

(3) On landfills where an artificial sealing barrier is used, the geological substratum of the landfill, considering the morphology of the landfill, must be sufficiently stable to prevent settlement that may cause damage to the artificial bottom sailing.

TITLE FOUR DETAILS ON WASTE HANDLING FACILITY OPERATIONS

Article 29 Accepting waste at waste handling facilities

- (1) Waste may only be accepted at a waste handling facility if the waste holder presents the following to the operator of the facility with each delivery of waste:
- a) document on quantity and type of waste delivered,
 - b) in the case of hazardous waste, a consignment note and identification notes for hazardous wastes,
 - c) details about the characteristics and composition of waste to the extent given in Art. 19 (report on analytical control of wastes).
- (2) The procedure given in paragraph 1 shall not apply to the repurchase of wastes from natural persons who are not entrepreneurs.
- (3) At the time of delivery of the waste to the waste handling facility, the following steps must be taken:
- a) verification of whether the required waste documentation is complete and correct, verification of the data referred to in paragraph 1 and 2, and other conditions agreed for waste acceptance,
 - b) control of quantity of waste delivered,
 - c) visual inspection of waste delivery in order to verify declared information concerning origin, characteristics and composition of waste,
 - d) ensuring controlled random sampling of waste and tests and analyses of waste in order to verify given information about origin, characteristics and composition of waste,
 - e) recording accepted waste.

²⁶⁾ Art. 22 of Act No. 135/1961 Coll. on land roads (Road Act) as amended by subsequent regulations.

²⁷⁾ Act of the Slovak National Council No. 126/1985 Coll. on fire protection as amended by subsequent regulations.

- (4) The operator of the waste handling facility shall confirm the acceptance of the waste to the waste holder, indicating the date and time of its acceptance.
- (5) The waste holder shall also provide the operator of a waste incineration plant or a waste co-incineration plant²⁸⁾ with:
- a) data on the physical characteristics of the waste and, if possible, on the chemical composition of the waste and data necessary for the assessment of the incineration process from an environmental protection viewpoint (e.g. results of incineration tests),
 - b) in the case of hazardous waste, data on the hazardous characteristics and on the content of significant harmful substances with regard to the emissions of pollutants²⁹⁾ into the air and on substances and wastes with which the waste must not be mixed, as well as information about precautionary measures that must be taken during handling.

Article 30

Keeping and content of operating documents for waste recovery facilities and waste disposal facilities

- (1) The operator of a waste recovery facility or waste disposal facility shall keep operating records for the facility.³⁰⁾
- (2) General requirements for technical and organisational measures shall be applied according to the type of waste recovery or waste disposal facility.
- (3) Operating documentation concerning technical and organisational assurance for the appropriate functioning of the facility and to minimise the effects of the facility on the environment shall consist of:
- a) technological regulations,
 - b) operating order,
 - c) logbook,
 - d) commercial and supplier contracts concerning waste handling,
 - e) granted consents, statements and opinions by the state administration and self-government authorities.
- (2) Technological regulations in particular shall include:
- a) basic data about the facility, including measuring and regulating circuits, list of blocking and signalling values,
 - b) overall description of technological process of treatment, recovery and disposal of waste, specifying individual stages (material and energy streams), in particular a description of the principles and reactions applied during technological operations and conditions for the technological process, in particular time, temperature, pressure and concentrations,
 - c) consumer and capacity standards of the process relating to unit amount of production, in particular consumer standards for materials, wastes, auxiliary materials, additives and energies,
 - d) data on qualitative characteristics and requirements for input materials to operational processes (wastes, auxiliary materials, additives, composition),
 - e) data on generated solid and liquid wastes and on the effluent of gas emissions,
 - f) procedures and conditions providing for acceptance, storage and handling of waste before processing,
 - g) the manner providing for input control, control during operation, and output control of materials and products from the process (using analytical methods and measuring equipment),
 - h) review of probing, analytical and testing methods and procedures for determining characteristics and composition of input and output materials referring to respective technical standards and regulations concerning testing,
 - i) data on qualitative characteristics and requirements for output products from process,
 - j) list of machines and equipment,
 - k) review of technical documentation of machines,

²⁸⁾ Art. 4 par. 1 points g) to i) of Act No. 309/1991 Coll. on air protection against polluting Substances (Act on Air) as amended by subsequent regulations.

²⁹⁾ Art. 2 and Art. 5 par. 4 of Act No. 309/1991 Coll. as amended by subsequent regulations.

³⁰⁾ Art. 21 par. 1 point e) of Act No. 223/2001 Coll. of Laws.

- l) assignment of persons responsible for correctness of data included in operating order.
- (5) The technological regulation shall be approved by the operator of the facility.
- (6) The technological regulation must be kept in an accessible place at the facility.
- (7) Operating order for the facility shall include in particular:
- a) the name and seat of the operator of the facility, including the names of employees responsible for operation of the facility,
 - b) information about commencement of operation, lifetime of facility and its capacity,
 - c) technical description of facility,
 - d) organisational and technological security of operation and protection of facility,
 - e) safety at work conditions during operation of the facility,
 - f) obligations during operation and maintenance of the facility,
 - g) emergency measures,
 - h) list of types of wastes for recovery or disposal of which the operator has authorisation,
 - i) scope of analyses of accepted wastes in relation to technology used in the facility, except for municipal wastes,
 - j) identification of method of input control and waste dumping in the case of landfills,
 - k) means of attendance and evaluation of monitoring system of facility and in the case of a landfill also the manner of fulfilling the obligations arising from Art. 30 par. 3 point c).
- (8) In cases where changes occur to the operation of the facility, the operator of the facility shall adjust the operating order accordingly.
- (9) The logbook of the facility shall include in particular information about:
- a) names of employees responsible for operation of the facility on the day concerned,
 - b) quantities and types of wastes accepted daily for treatment, recovery or disposal, including identification of their generators or holders,
 - c) quantities and types of daily disposed wastes,
 - d) waste not accepted at facility, including reasons,
 - e) method of handling solid and liquid wastes generated in facility,
 - f) samples taken from waste and results of their analyses,
 - g) technical state of facility,
 - h) operating failures and accidents in facility and corrective actions taken,
 - i) time use of the facility
 - j) possible decommissioning of facility,
 - k) performed maintenance and repairs to facility,
 - l) executed controls,
 - m) complying with limits and special technical requirements provided for operation of the facility.
- (10) In the case of a landfill, the logbook shall be maintained up to the end of monitoring period following closure of the landfill; in the case of other facilities, this period shall be 10 years from termination of the operation.

Article 31 Operation of waste incineration facilities

- (1) The operator of a waste incineration facility shall establish separate storage premises for:
- a) solid waste,
 - b) paste waste,
 - c) liquid waste,
 - d) waste containing halogen compounds.
- (2) Incineration residue shall mean any liquid or solid material including ash, slag, cinder and boiler dust, sludge from wastewater treatment, used catalysts and used activated carbon which is defined as waste

according to the Act and is generated during incineration and co-incineration processes or through cleaning smoke gases or wastewater treatment in a waste incineration or co-incineration facility.

(3) The incineration process shall be carried out in such a way as to reduce the quantity of incineration residues and their hazardous characteristics as much as possible. Incineration residues shall be treated in such a way as to reduce their quantities and hazardous characteristics. Transportation and intermediate storage of powdered wastes such as boiler dust and dry residues from the cleaning of smoke gases must be carried out in such a way as to prevent their dispersion into the environment, for example in closed containers. Analysis of incineration residues shall be carried out before a decision on the method of disposal is taken in order to ascertain the physical and chemical characteristics and possibility of environmental pollution. The analysis shall be to ascertain the total proportion of soluble matter and the content of heavy metals present in that soluble proportion.

Landfill operation

Article 32 Landfill operation

(1) During the operation of a landfill measures shall be taken to minimise effects of the landfill on the environment caused by:

- a) emissions of odours and dust,
- b) wind-blown material,
- c) noise and traffic,
- d) birds, vermin and insects,
- e) formation of aerosols,
- f) fires.

(2) The landfill must be equipped and operated in such a way that dirt from it, caused mainly by the vehicles/means of transport, is not dispersed onto public roads and the surrounding land.

(3) For the purpose of waste disposal by dumping, wastes shall be accepted and deposited according to the types and categories pursuant to the Catalogue of Wastes in order to prevent or reduce potential adverse effects on the environment and risk to human health.

(4) Landfills for inert waste shall only be used for inert waste.

(5) Landfills for non-hazardous waste may only be used for:

- a) waste classified in the Catalogue of Wastes under the category 'other waste',
- b) stabilised hazardous wastes (e.g. vitrified) with limit values in eluates that do not exceed the values given in Annex No. 14
- c) municipal waste, except for hazardous components that have already been separated.

(6) Landfills for hazardous waste may only be used for landfilling waste classified in the Catalogue of Wastes under the category 'hazardous waste' and wastes containing one or more injurants and meeting at least one of the criteria for the assessment of hazardous characteristics.³¹⁾

(7) Waste may only be deposited after treatment, except for waste where treatment is technically impossible or where treatment does not provide any reduction in the quantity of waste nor prevents a potential risk to the environment and risk to human health; inert waste may be deposited without prior treatment.

(8) At the dump site

- a) waste shall be deposited in layers 0.3 to 0.5 m thick, which are then compacted; the working layer after compacting shall be no more than 2.0 m thick,
- b) waste shall be compacted no later than the day following its dumping unless provided otherwise,

³¹⁾ Art. 40 par. 8 of Act No. 223/2001 Coll. of Laws.

- c) the first layer of waste shall be deposited at the bottom of the landfill in such a way as not to damage the sealing and drainage systems of the landfill; the first layer of deposited waste may only be compacted if it is 2 m thick,
- d) the first layer may not contain waste which could damage the base of the landfill,
- e) bulky waste shall be crushed,
- f) municipal waste and biodegradable waste shall be covered by a suitable inert material (e.g. soil) before compacting.

(9) The emplacement of waste on the landfill site shall take place in such a way as to ensure stability of the waste deposited and associated structures of the landfill and the necessary construction equipment, particularly in respect of avoidance of slippages.

(10) Waste referred to in paragraph 5 point b) shall be deposited in separate parts of the landfill.

Article 33

Control and monitoring procedures during operation and after-care phases of landfill

(1) For monitoring groundwater quality in the vicinity of a landfill site, a sufficient number of measuring points must be constructed; there must be at least three, one in the groundwater inflow region and two in the outflow region. The original values of groundwater quality must be ascertained before commencement of landfill operations.

(2) If a landfill is located in an area with such suitable geological conditions such that at the location of the landfill and in its surrounding there are minerals meeting requirements for the sealing of the landfill and there is no underground water level up to a depth of 30 m under the landfill base and its occurrence is not likely in the future, the requirement for measuring points may be waived; however, such landfills must be monitored using geophysical methods at least once a year.

(3) Paragraph 1 and 2 shall not apply to landfills for inert waste.

(4) Detailed requirements for a landfill monitoring system are listed in Annex No. 15.

Article 34

Closure and after-care procedures

(1) At the time of closure of a landfill, a surface sealing must be constructed, containing:

- a) a gas drainage layer for landfills for non-hazardous waste,
- b) an artificial sealing layer for landfills for hazardous waste,
- c) a sealing mineral layer with the same characteristics as the sealing layer at the landfill base,
- d) a drainage layer at least 0.5 m thick,
- e) a top soil cover at least 1.0 m thick.

(2) After issuing a certificate on the closure of a landfill³²⁾, the landfill shall be considered as definitely closed, and the operator of the landfill shall ensure monitoring and control of the landfill for at least 30 but not more than 50 years after issuing the certificate of closure of the waste landfill.

(3) On closure of a landfill operation terminated according to Art. 81 par. 5 of the Act:

- a) the top of the landfill must be closed in a manner ensuring the same sealing efficiency as the bottom sealing of the landfill,
- b) drainage of leachate and landfill gas must be ensured,
- c) the top sealing layer must prevent surface water from entering the landfill body and must be resistant against the effect of settlement of the landfill,
- d) the landfill must be reclaimed in such a way that it has no disturbing effects on the surrounding landscape,

³²⁾ Art. 7 par. 8 of Act No. 223/2001 Coll. of Laws.

- e) on reclamation of the landfill, no trees can be planted that could cause damage to the functionality of the top sealing layer of the landfill through their roots,
- f) monitoring of the landfill shall be covered by Art. 33 par. 4.

Article 35
Common provisions

The provisions of Art. 23 to 28 and Arts. 32 to 34 shall not apply to

- a) the spreading of sludges, including sewage sludges, and sludges resulting from dredging operations, and similar matter on the soil for the purposes of fertilisation,
- b) the use of inert waste which is suitable for redevelopment, restoration and filling in work or for construction purposes in landfills for other than inert waste,
- c) the deposit of non-hazardous dredging sludges alongside small waterways from where they have been dredged out.

PART FIVE
DETAILS ON APPLICATIONS FOR RENDERING DECISIONS AND STATEMENTS OF STATE
ADMINISTRATION AUTHORITIES IN WASTE MANAGEMENT

Article 36

Application for consent to operate a waste disposal facility and waste recovery facility and some other cases of waste handling

An application for consent to operate a waste disposal facility³³⁾ except for waste landfills, an application for consent to operate a waste recovery facility³⁴⁾, and an application for consent to waste disposal³⁵⁾ shall, except particulars according to the Act³⁶⁾, include:

- a) identification data of applicant,
- b) seat of waste handling facility,
- c) list of waste types to be handled at facility,
- d) scope of analyses of individual hazardous wastes to be handled at facility,
- e) list of activities carried out,³⁷⁾
- f) description of technological procedures for handling waste,
- g) technical data on facility,
- h) means of ensuring professional technical control of operation of the facility,
- i) emergency measures,
- j) date of commencement of operation.

Article 37

Application for consent for modifications and reconstruction of waste recovery facilities and waste disposal facilities

In addition to the particulars according to the Act³⁶⁾ and particulars referred to in Art. 36 point a) to d), f), h) and i), an application for consent for modifications and reconstruction of waste recovery facilities, an application for consent for modifications and reconstruction of waste disposal facilities, and an application for consent for modifications and reconstruction of waste collection facilities³⁸⁾ shall also include:

- a) a copy of the consent on the basis of which the facility is presently operated,
- b) the subject of the modification,
- c) technical data on the facility after accomplishment of the modification,

³³⁾ Art. 7 par. 1 point a) of Act No. 223/2001 Coll. of Laws.

³⁴⁾ Art. 7 par. 1 point c) of Act No. 223/2001 Coll. of Laws.

³⁵⁾ Art. 7 par. 1 point b) of Act No. 223/2001 Coll. of Laws.

³⁶⁾ Art. 74 par. 8 of Act No. 223/2001 Coll. of Laws.

³⁷⁾ Annexes No. 2 and 3 to Act No. 223/2001 Coll. of Laws.

³⁸⁾ Art. 7 par. 1 point e) of Act No. 223/2001 Coll. of Laws.

- d) date of the commencement of the operation after accomplishment of the modification.

Article 38

Application for issuing operating order

An application for issuing operating order for a waste disposal facility and an application for issuing operating order for a hazardous waste recovery facility³⁹⁾ shall, besides the particulars given in the Act³⁶⁾ and the particulars referred to in Art. 36 point a), b), and j), also include a draft of the operating order.

Article 39

Application for consent to use a technology in mobile facilities

An application for consent to use a technology for handling hazardous wastes in mobile facilities including general conditions of operation for mobile facilities⁴⁰⁾ shall, besides the particulars given in the Act³⁶⁾ and the particulars referred to in Art. 36, also include the method of mobile facility installation at the site of operation and requirements for the equipment of the site of operation.

Article 40

Application for consent to operate waste landfills

In addition to the particulars according to the Act³⁶⁾, an application for consent to operate a waste landfill³³⁾ shall include:

- a) identification data of the applicant and operator in cases where they are different entities,
- b) list of types and quantities of wastes to be deposited on landfill site,
- c) proposed capacity of landfill site,
- d) characteristics of landfill site including hydrogeological and mechanical-geological characteristics,
- e) proposed methods for ensuring elimination of negative effects of landfill on the environment and human health,
- f) proposed operating order, and monitoring and control plan for landfill during operation,
- g) plan for closure and reclamation of landfill site after closure,
- h) final statement from the assessment of impacts of the landfill concerned on the environment,
- i) proof of opening a special account⁴¹⁾ for covering the costs relating to closure, reclamation and monitoring of landfill after closure.

Article 41

Application for consent to handle hazardous waste

(1) In addition to the particulars given in the Act³⁶⁾, an application for consent to handle hazardous waste⁴²⁾ shall include:

- a) identification data of applicant,
- b) list of types of hazardous wastes handled,
- c) means of hazardous waste shipment,
- d) particular methods of hazardous waste treatment and disposal and their material balance,
- e) evidence of suitability of chosen method for handling hazardous waste,
- f) provisions for carrying out analyses to the required extent,
- g) emergency measures.

(2) An application for an extension of the consent for handling hazardous waste⁴³⁾ shall include:

- a) identification data of applicant,
- b) seat of waste handling facility,

³⁹⁾ Art. 7 par. 1 point f) of Act No. 223/2001 Coll. of Laws.

⁴⁰⁾ Art. 7 par. 1 point h) of Act No. 223/2001 Coll. of Laws.

⁴¹⁾ Art. 22 par. 5 of Act No. 223/2001 Coll. of Laws.

⁴²⁾ Art. 7 par. 1 point g) of Act No. 223/2001 Coll. of Laws.

⁴³⁾ Art. 7 par. 6 of Act No. 223/2001 Coll. of Laws.

- c) list of the types of handled waste,
- d) changes effected after date of issue of last consent,
- e) results of controls carried out by state administration authorities,
- f) important facts that may affect current method of waste handling.

(3) A copy of the consent on the basis of which wastes are handled at present shall be attached to the application given in paragraph 2.

Article 42

Application for consent to introduce a new technology for handling hazardous waste

In addition to the particulars given in the Act³⁶⁾, an application for consent to introduce a new technology for handling hazardous waste to the market¹⁷⁾ shall include:

- a) description of the new technology,
- b) types of wastes to be handled,
- c) supplier of the new technology,
- d) references,
- e) establishment of method for verification of the new technology.

Article 43

Application for consent to accumulate waste without prior separation

(1) In addition to the particulars according to the Act³⁶⁾, an application for consent to accumulate waste without prior separation⁴⁴⁾ shall include:

- a) identification data of applicant,
- b) type and the category of waste,
- c) description of waste handling method,
- d) reasons why wastes will be neither separated nor accumulated separately.

(2) The following documents shall be enclosed with the application given in paragraph 1:

- a) contract providing for following method of waste recovery or waste disposal,
- b) emergency plan in the case of hazardous wastes.

Article 44

Application for consent for closure of waste landfills, performing its reclamation and its following monitoring

In addition to the particulars given in the Act³⁶⁾, an application for consent for closure of a waste landfill or part thereof, an application for consent for performing reclamation of a landfill site, and an application for consent to monitor a landfill site after closure⁴⁵⁾ shall include:

- a) evaluation of current operation and monitoring of landfill site,
- b) up-dated plan for closure and reclamation of landfill site and subsequent care of landfill site (monitoring).

Article 45

Application for consent to collect and process end-of-life vehicles

In addition to the particulars referred to in Art. 37, an application for consent to collect and process end-of-life vehicles⁴⁶⁾ shall also include the manner of ensuring collection, shipment and processing of end-of-life vehicles.

Article 46

Application for a statement to establish a waste incineration plant or a waste co-incineration plant

⁴⁴⁾ Art. 7 par. 1 point j) of Act No. 223/2001 Coll. of Laws.

⁴⁵⁾ Art. 7 par. 1 point k) of Act No. 223/2001 Coll. of Laws.

⁴⁶⁾ Art. 7 par. 1 point l) of Act No. 223/2001 Coll. of Laws.

In addition to the particulars according to the Act³⁶, an application for a statement to establishment a waste incineration plant or an application for a statement to establish a waste co-incineration plant shall include:

- a) identification data on applicant,
- b) seat of waste handling facility,
- c) list of the types of wastes to be incinerated,
- d) compliance with the requirements resulting from waste management legislation.

PART SIX FINAL PROVISIONS

Article 47 Transitional provisions

The provision of Art. 32 par. 6 shall apply to hazardous wastes landfills put into operation before 1 July 2001 with effect from 1 January 2004.

Article 48 Repeal

Order of the Slovak Committee for the Environment No. 76/1992 Coll. on waste management plants shall be hereby repealed.

Article 49 Entry into force

This Order shall enter into force on the day of its publication, except for Art. 16 which shall enter into force on 1 December 2001.

László Miklós signed in his own hand

OUTLINES
of the regional and district plans

1. BASIC DATA OF REGIONAL AND DISTRICT PROGRAMMES
 - 1.1. Name of the authority(s) issuing the plan
 - 1.2. Seat of the authority(s) issuing the plan
 - 1.3. Number of inhabitants in the territory covered by the plan
 - 1.4. Area of the territory
 - 1.5. Ecological characteristics of the territory (e.g. national park, protective zones of water sources, etc.)
 - 1.6. Economic structure in the territory covered by the plan, in particular with regard to waste generation

2. CHARACTERISTICS OF THE PRESENT SITUATION IN WASTE MANAGEMENT
 - 2.1. Waste generation in the period stipulated in the Programme of the Slovak Republic
The following data shall be given in the form of a table:
 - 2.1.1. Waste code
 - 2.1.2. Waste identification
 - 2.1.3. Waste category (H, O)
 - 2.1.4. Hazardous waste
 - 2.1.5. Other waste
 - 2.1.6. Total waste
 - 2.1.7. Waste recovery
 - material
 - energyitemised according to Annex No. 2 to the Act
 - 2.1.8. Waste disposal
 - incineration
 - landfilling
 - otheritemised according to Annex No. 3 to the Act

 - 2.2. Waste recovery or waste disposal facilities in operation (except landfills)
 - 2.2.1. Type of the facility
 - 2.2.2. Name and seat of the operator
 - 2.2.3. Address of the operation
 - 2.2.4. Contact person
 - 2.2.5. Cadastral area and locality
 - 2.2.6. Year of the beginning of operation
 - 2.2.7. Types of wastes recovered
 - 2.2.8. Types of wastes disposed
 - 2.2.9. Capacity of the facility
 - 2.2.10. Quantity of wastes recovered in tonnes per year
 - 2.2.11. Quantity of wastes disposed in tonnes per year

 - 2.3. Landfills
Data broken down by the following items shall be given for landfills in operation as well as landfills under construction:
 - 2.3.1. Region
 - 2.3.2. District
 - 2.3.3. Name of the landfill
 - 2.3.4. Operator of the landfill
 - 2.3.5. Cadastral area and locality
 - 2.3.6. Class of the landfill

- 2.3.7. Envisaged date of the landfill's operation commencement
- 2.3.8. Envisaged date of the landfill's operation termination
- 2.3.9. Envisaged date of the closure or reclamation of the landfills operation of which finished before 31 July 2000
- 2.3.10. Area of the landfill and its storage area in m²
- 2.3.11. Total capacity of the landfill in m³
- 2.3.12. Quantities of wastes deposited during the year 2000 in m³
- 2.3.13. Remaining capacity of the landfill in m³
- 2.3.14. Waste types
- 2.3.15. Data on the collecting area

2.4. Waste carriers operating in the region/district

Data shall be broken down by the following items:

- 2.4.1. Name of the carrier
- 2.4.2. Type of authorisation
- 2.4.3. Date of the beginning of operation
- 2.4.4. Seat
- 2.4.5. Address
- 2.4.6. Contact person
- 2.4.7. Types of wastes transported
- 2.4.8. Approximate capacity of waste quantities transported during the calendar year in tonnes

3. OBLIGATORY PART OF THE PROGRAMME

3.1. Commodities for the obligatory part of the regional and district plans

Indication of commodities of wastes according to Art. 5 par. 1 point a) of this Order, municipal waste and biodegradable waste existing in the region and district shall be given under this point. The regional and district plans may also include separately other commodities according to the needs of the region or the district.

3.2. Envisaged generation of wastes and the ratio of their recovery and disposal in the starting year of the plan and the ratio of their recovery and disposal in the target year of the plan (waste streams) for the commodities referred to in point 3.1.

Data shall be broken down by the following items:

- 3.2.1. Waste code
- 3.2.2. Waste identification
- 3.2.3. Waste category (H, O)
- 3.2.4. Hazardous waste
- 3.2.5. Other waste
- 3.2.6. Total waste
- 3.2.7. Waste recovery
 - material
 - energy
 itemised according to Annex No. 2 to the Act
- 3.2.8. Waste disposal
 - incineration
 - landfilling
 - other
 itemised according to Annex No. 3 to the Act

Data under items No. 3.2.4. to 3.2.8. for the starting year of the plan shall be given in tonnes and percentage from the total amount of wastes or from quantities of wastes recovered or disposed; data for the target year of the plan shall be given in percentage from the total amount of wastes or from quantities of wastes recovered or disposed.

3.3. Organisational, technological and operational measures for the reduction of waste generation

Indication of specific measures and their expected effect on the reduction of waste generation shall be given under this point.

3.4. Measures for the reduction of biodegradable waste going to landfills

Indication of the procedure for the reduction of biodegradable waste going to landfills. Data shall be given for the starting and target years of the plan shall be given under this point. The data for the starting year of the plan shall be given in tonnes and percentage. The data for the target year of the plan shall be given in percentage in accordance with Art. 5 par. 1 point d) of this Order.

4. TARGET PART OF THE PROGRAMME

Intentions for building new facilities for waste recovery, waste disposal or facilities for other handling of wastes within the limits of regional and district competence shall include the following details:

- 4.1. Name of the facility
- 4.2. Name of the investor
- 4.3. Capacity
- 4.4. Cadastral district and locality
- 4.5. Waste types to be handled
- 4.6. Expected date of realisation

Data shall be processed in compliance with the waste management conceptual intentions taking into account the evaluation of the plan for the previous period and intentions of waste generators and other business plans in the field of waste management in the territory of the region and district.

5. WASTE MANAGEMENT BUDGET

5.1. Resume of the waste management budget for the previous period

Indication of details on costs incurred in the field of waste management and sources covering those costs cumulated for the period of validity of the previous plan shall be given under this point.

5.2. Waste management budget for the period covered by the new plan

Indication of details on the total amount of planned costs broken down by costs of waste recovery, waste disposal and other activities related to waste handling, and sources covering those costs shall be given under this point.

6. OTHER

- 6.1. Evaluation of comments submitted by the public pursuant to Art. 5 par. 7 of the Act.

OUTLINES
of the plan of the waste generator and the plan of the municipality

1. BASIC DATA OF THE PROGRAMME OF THE WASTE GENERATOR AND THE PROGRAMME OF THE MUNICIPALITY

Waste generator:

- 1.1. Name of the waste generator
- 1.2. Identification number of the waste generator
- 1.3. Seat of the waste generator (cadastral territory)
- 1.4. Identification number of the cadastral territory
- 1.5. District
- 1.6. Type of the waste generator's production (activity)
- 1.7. Scope of the waste generator's production (activity)

Municipality:

- 1.1. Name of the municipality
- 1.2. Identification number of the municipality
- 1.3. District
- 1.4. Number of inhabitants of the municipality
- 1.5. Area of the municipality

2. CHARACTERISTICS OF THE PRESENT SITUATION IN WASTE MANAGEMENT

2.1. Waste generation in the period stipulated in the Programme of the Slovak Republic

The following data shall be given in the form of a table:

- 2.1.1. Waste code
- 2.1.2. Waste identification
- 2.1.3. Waste category (H, O)
- 2.1.4. Hazardous waste
- 2.1.5. Other waste
- 2.1.6. Total waste
- 2.1.7. Waste recovery
 - material
 - energy
- 2.1.8. Waste disposal
 - incineration
 - landfilling
 - other

itemised according to Annex No. 2 to the Act

(waste quantities shall be given in tonnes per year)

2.2. Waste recovery or waste disposal facilities in operation

- 2.2.1. Type of the facility
- 2.2.2. Name and seat of the operator
- 2.2.3. Address of the operation
- 2.2.4. Contact person
- 2.2.5. Cadastral area and locality
- 2.2.6. Year of the beginning of operation
- 2.2.7. Types of wastes recovered
- 2.2.8. Types of wastes disposed
- 2.2.9. Capacity of the facility
- 2.2.10. Quantity of wastes recovered in tonnes per year

2.2.11. Quantity of wastes disposed in tonnes per year

3. OBLIGATORY PART OF THE PROGRAMME

3.1. Commodities for the obligatory part of the plan of the waste generator and the plan of the municipality

Name of the commodities according to Art. 5 par. 1 point a) of this Order shall be given, if wastes generated by their generator belong to those commodities. The plan of the waste generator shall also include separately other commodities according to the obligatory part of the regional and district plans and also other commodities according the needs of the waste generator.

3.2. Envisaged generation of wastes and the ratio of their recovery and disposal in the starting year of the plan and the ratio of their recovery and disposal in the target year of the plan (waste streams) for the commodities referred to in point 3.1.

Data shall be broken down by the following items:

- 3.2.9. Waste code
- 3.2.10. Waste identification
- 3.2.11. Waste category (H, O)
- 3.2.12. Hazardous waste
- 3.2.13. Other waste
- 3.2.14. Total waste
- 3.2.15. Waste recovery
 - material
 - energyitemised according to Annex No. 2 to the Act
- 3.2.16. Waste disposal
 - incineration
 - landfilling
 - otheritemised according to Annex No. 3 to the Act

Data under items No. 3.2.4. to 3.2.8. for the starting year of the plan shall be given in tonnes and percentage from the total amount of wastes or from quantities of wastes recovered or disposed; data for the target year of the plan shall be given in percentage from the total amount of wastes or from quantities of wastes recovered or disposed.

3.3. Organisational, technological and operational measures for the reduction of waste generation

Indication of specific measures and their expected effect on the reduction of waste generation shall be given under this point.

3.4. Measures for the reduction of biodegradable waste going to landfills

Indication of the procedure for the reduction of biodegradable waste going to landfills shall be given under this point. Data shall be given for the starting and target years of the plan. The data for the starting year of the plan shall be given in tonnes and percentage. The data for the target year of the plan shall be given in percentage in accordance with Art. 5 par. 1 point d) of this Order.

4. TARGET PART OF THE PROGRAMME

Intentions for building new facilities for waste recovery, waste disposal or facilities for other handling of wastes shall include the following details:

- 4.1. Name of the facility
- 4.2. Name of the investor
- 4.3. Capacity
- 4.4. Cadastral district and locality
- 4.5. Waste types to be handled
- 4.6. Expected date of realisation

Data shall be processed in compliance with the plan of the respective district or region taking into account the results from realisation of the plan of the waste generator and the plan of the municipality for the previous period.

5. WASTE MANAGEMENT BUDGET

5.1. Resume of the waste management budget for the previous period

Indication of details on costs incurred in the field of waste management and sources covering those costs cumulated for the period of validity of the previous plan shall be given under this point.

5.2. Waste management budget for the period covered by the new plan

Indication of details on the total amount of planned costs broken down by costs of waste recovery, waste disposal and other activities related to waste handling, and sources covering those costs shall be given under this point.

6. OTHER

6.1. Information how the waste generator took into account the plan of the municipality within the meaning of Art. 6 par. 7 of the Act, as well as information about harmonisation of the plan of the waste producer with the generally binding ordinance of the municipality relating to municipal waste.

6.2. Confirmation of the person that elaborated the plan (processed the data)

The following details shall be included:

6.2.1. Name of the person (organisation) that elaborated the plan

6.2.2. Signature of an authorised representative confirming the correctness of the data

7. ANNEXES

7.1. Decisions of administrative authorities issued for the waste generator or the municipality relating to wastes

7.2. Records of controls executed in matters relating to waste management

7.3. Written statements of concerned municipal authorities to the draft of the plan (except municipalities)

Seq.	Date	Place of generation	Waste deposited	Waste quantity	Code	IČO, business name	Note

Responsible person:

Seq.	Date	Place of generation	Waste deposited	Waste quantity	Code	IČO, business name	Note

Responsible person:

REGISTRATION NOTES OF THE WASTE

Instructions for filling in the form REGISTRATION NOTES OF THE WASTE

The form consist of three parts, the first one concerns waste handling within the premises of the waste generator's establishment, the second one concerns waste quantities, its generation, acceptance, delivery and the means of handling. The third part concerns legal and natural persons to whom the waste is delivered or from whom the waste is accepted.

Waste generation and handling shall be recorded in the form continuously as waste is generated if it is a single occurrence of waste generation. If the waste is generated continuously during a specific period of time (e.g. shift, week), its quantity shall be recorded as a summary, if possible, by the person responsible for keeping records on wastes, however, at least once a week.

COMPANY

Company identification number (IČO) – indicate the identification number of the company; if the company identification number consists of less than eight digits, zeros shall be added from the left side until the total number of digits is 8.

Business name – indicate the business name of the company (legal or natural person) in the form recorded in the Business Register or in the trade licence, or the name of the municipality.

Street, municipality, ZIP code – indicate the precise and complete address of the company, its telephone and fax numbers, and e-mail and URL addresses.

ESTABLISHMENT/PLANT

This section concerning a stand-alone establishment/plant shall be filled in if differs from the section concerning the company.

Name – indicate if established within the organisation

Street, municipality, ZIP code – indicate the precise and complete address of the stand-alone establishment, its telephone and fax numbers, and e-mail and URL addresses.

Waste code – indicate the code of the waste type according to the Catalogue of Waste.

Waste category – indicate the category of the waste according to the Catalogue of Waste.

Y Code – for hazardous wastes indicate a Y Code according to Annex No. 3 to Order No. 284/2001 Coll. of Laws.

Sequence number – indicate the sequence number of the record.

Date of handling - indicate the date of waste generation or handling.

Place of generation – indicate the place of waste generation or handling at the premises of the waste generator's establishment or the place of acceptance and handling by the waste holder. In the case of a landfill, identify the place where the waste will be deposited (e.g. layer and quadrate).

Waste deposited – indicate the name of the storehouse or the identification of the container where the waste will be placed. In the case of a hazardous waste landfill indicate for example the identification of a special container where the waste will be deposited.

Waste quantity – in the column 'Generation/Receipt', approximate quantities of waste generation can be given by waste generators which subsequently can be adapted after weighing at a storehouse or at another company (by the waste consignee) as soon as ascertained; in the column 'Handling' indicate the exact waste quantities delivered from the waste generator's establishment. Waste holders shall indicate either quantities of the waste accepted or delivered.

Code of activity - indicate a code of activity according to Table A.

P – Waste generator is anyone whose activity generates waste.

M – Waste holder is a waste generator or a natural or legal person that is in possession of the waste.

V – Waste collection means accumulation, sorting or mixing of waste for the purpose of its shipment.

R – Waste recovery means operations leading toward utilisation of physical, chemical or biological properties of wastes, and listed in Table C.

D - Waste disposal means such handling of waste, which does not lead to a damage of the environment or to threat to human health, and is listed in Table D.

Table A

Code of activity	Production, collection, recovery and disposal of wastes
P	Waste generator
M	Waste holder
V	Waste collection
R	Waste recovery
D	Waste disposal

Code of handling – indicate a code pursuant to following Tables B, C, D distinguishing activities leading to waste recovery according to Annex No. 2 to the Act or waste disposal according to Annex No. 3 to the Act.

Table B

Code	Waste accumulation
Z	Waste accumulation means temporary storage of waste preceding its further on-site handling

Table C

Code	Waste recovery
R1	Use mainly as a fuel or other means to generate energy
R2	Solvent reclamation or regeneration
R3	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)
R4	Recycling or reclamation of metals and metal compounds
R5	Recycling or reclamation of other inorganic materials
R6	Regeneration of acids and bases
R7	Recovery of components used for pollution abatement
R8	Recovery of components from catalysts
R9	Oil re-refining or other reuses of oil
R10	Land treatment resulting in benefit to agriculture or ecological improvement
R11	Use of wastes generated at any of the operations numbered R1 through R10
R12	Exchange of wastes for submission to any of the operations numbered R1 through R11
R13	Storage of wastes before its use for any of the operations numbered R1 through R12 (except temporary storage, prior collection, on the site of its generation)

Table D

Code	Waste disposal
D1	Deposit into or onto land (e.g., landfill, etc.)
D2	Land treatment (e.g., biodegradation of liquid or sludgy discards in soils, etc.)
D3	Deep injection (e.g., injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
D4	Surface impoundment (e.g., placement of liquid or sludge discards into pits, ponds or lagoons, etc.)
D5	Specially engineered landfills (e.g., placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
D6	Release and tipping into a water body except seas and oceans
D7	Release and tipping into seas and oceans including sea-bed insertion
D8	Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 through D12
D9	Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 through D12 (e.g., evaporation, drying, calcination, etc.)
D10	Incineration on land
D11	Incineration at sea
D12	Permanent storage (e.g., emplacement of containers in mines, etc.)

D13	Blending or mixing prior to submission to any of the operations numbered D1 through D12
D14	Repackaging prior to submission to any of the operations numbered D1 through D12
D15	Storage pending any of the operations numbered D1 through D14 (except temporary storage, prior collection, on the site of its generation)

IČO, business name of the following waste holder – in this column indicate the IČO and the business name of the company from which the waste is accepted or to which the waste is delivered. In the case of waste collection indicate the IČO, the business name and the place of business of natural and legal persons. In the case of the collection of non-ferrous metals or other wastes stipulated in an order of the Government, indicate in the column ‘Note’ the natural person’s identification card number.

Note – in the case of any change in waste categories indicate, under the ‘Note’, the decision number and the name of the authorised person.

Responsible person – indicate the name of the authorised person in the company/establishment responsible for filling in forms of registration notes of wastes at the respective positions (of technologies) in the company/establishment.

Annex No. 4
to Order No. 283/2001 Coll. of Laws

SAMPLE

REPORT ON WASTE GENERATION AND HANDLING

Document type:

Year:

Quarter:

Sheet No.:

No. of sheets:

To be filled in by the authority	
Stamp of the authority:	Registration No.: Delivery date: Document verified on behalf of the authority by

COMPANY	IČO									ESTABLISHMENT/PLANT
Business Name:					Name:					
Address Street: Municipality: ZIP Code:					Address Street: Municipality: ZIP Code:					
Statutory body Name: Telephone: Fax: E-mail: URL:					Responsible person Name: Telephone: Fax: E-mail: URL:					
Date of signature <input type="text"/> <input type="text"/>					Date of signature <input type="text"/> <input type="text"/>					
..... Given data are/are not confidential									
Stamp and signature					Stamp and signature					

Seq. No.	Waste code according to the Catalogue of Wastes	Waste identification according to the Catalogue of Wastes	Waste Category	Y Code	Waste quantity (in tonnes)	Means of waste handling		Note
						Code	IČO, business name, seat	
1	2	3	4	5	6	7	8	9
	<input type="text"/>						<input type="text"/>	
	<input type="text"/>						<input type="text"/>	
	<input type="text"/>						<input type="text"/>	

					Control sum			

Instructions for filling in the form REPORT ON WASTE GENERATION AND HANDLING

This form includes summary data for the previous year/quarter broken down by individual waste types and means of handling which are generated in such a way that the value given in the form **REPORT ON WASTE GENERATION AND HANDLING** is obtained by adding all amounts of waste quantities from the form **REGISTRATION NOTES OF THE WASTE** with the same means (code) of handling and from the same company, except waste accumulation.

Document type – indicate a capital letter corresponding to the means of handling:

P – Waste generator is a legal person or a natural person who is entitled to run business and whose activity generates waste.

M – Waste holder is a waste generator or a natural or a legal person that is in possession of waste.

V – Waste collection means accumulation, sorting or mixing of waste for the purpose of its shipment.

R – Waste recovery means operations leading toward utilisation of physical, chemical or biological properties of wastes, and listed in Table 2B.

D – Waste disposal means such handling of waste, which does not lead to a damage of the environment or to threat to human health, and is listed in Table 2C.

Year – indicate the year for which the report is submitted.

Registration number – shall be assigned and filled in by the appropriate authority.

Delivery date – indicate the date of delivery of the form to the appropriate authority.

Document verified on behalf of the authority by – indicate the name of the officer at the appropriate authority who checked whether the form was filled in completely.

COMPANY

Company identification number (IČO) – indicate the identification number of the company; if the company identification number consists of less than eight digits, zeros shall be added from the left side until the total number of digits is 8.

Business name – indicate the business name of the company (legal or natural person) in the form recorded in the Business Register or in the trade licence, or the name of the municipality.

Street, municipality, ZIP code – indicate the precise and complete address of the company.

Statutory body – indicate the name of the employee registered in the Business Register or the trade license and represents the operator, his telephone and fax numbers, and e-mail and URL addresses.

Date of signature – indicate the date when the form was signed.

Given data are/are confidential – the undersigned person shall indicate whether the given data are or are not subject to business secrets.

ESTABLISHMENT/PLANT

This section concerning a stand-alone establishment/plant shall be filled in if it differs from the section concerning the company.

Name – indicate if established within the organisation

Street, municipality, ZIP code – indicate the precise and complete address of the stand-alone establishment.

Responsible person – indicate the name of the authorised person responsible for waste handling, his telephone and fax numbers, and e-mail and URL addresses.

Date of signature – indicate the date when the form was signed.

In column 1, the sequence number of the record shall be indicated.

In column 2, the waste code according to the Catalogue of Wastes shall be indicated.

In column 3, the waste identification according to the Catalogue of Wastes shall be indicated (short form also allowed). In the case of any change in the waste categories, the proportional part of the waste with the changed category shall be indicated in a separate line.

In column 4, the waste category according to the Catalogue of Wastes shall be indicated. In the case of any change to the waste categories the sequence number of the note shall be indicated in column 9. The decision

number and the name of the authorised person issuing the decision on the change to the waste category shall be given under this number in the enclosed commentary.

In column 5, the Y Codes according to Annex No. 3 to Order No. 284/2001 Coll. of Laws. together with the codes according to Tables 1A and 1B shall be indicated for hazardous wastes. In the case of more than one possibility, only the code of that component, which is the most hazardous to human health and the environment, shall be assigned from Table 1B.

In column 6, the quantity of a waste type delivered for individual means of handling (according to column 7) shall be indicated; each method for handling shall be indicated in a separate line.

In column 7, the codes of individual methods of waste handling according to Tables 2A, 2B and 2C shall be indicated. These codes apply to the waste quantities referred to in column 6.

In column 8, IČO and the business name of each waste consignee shall be indicated. In the case of transferring the waste to another waste holder for the purposes of further handling, the carrier shall not be indicated. In the case of receiving waste, IČO and the business name of each waste holder from whom the waste was received shall be indicated. In the case of transferring or receiving of the waste from a natural person (an individual), IČO of the local authority and name of the municipality according to the permanent residence of that person shall be indicated and in the case of import or export of waste, the business name of the company and county of import or export shall be indicated.

In column 9, the note regarding handling individual wastes shall be indicated in the form of digits (digital form). Texts of notes shall be enclosed in the form of annexes which form an integral part of the form. In the case of waste import the capital letter I shall be indicated and in the case of waste export the capital letter E shall be indicated.

Producers generating wastes under catalogue numbers 19 08 05 - sludges from treatment of urban waste water, 19 08 11 - sludges containing dangerous substances from biological treatment of industrial waste water, 19 08 12 - sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11, 19 08 13 - sludges containing dangerous substances from other treatment of industrial waste water and 19 08 14 - sludges from other treatment of industrial waste water other than those mentioned in 19 08 13 shall indicate the waste quantity expressed as dry weight.

In the case when there is insufficient space in the table for all reported wastes, additional sheets shall be used; on each sheet only the business name of the company, its IČO, or the name of the establishment/plant on behalf of which the report is submitted and the sequence number of the sheet shall be indicated. The competent authority shall complete the registration number.

An annex containing the texts of the notes referred to in column 9 must form an integral part of this report.

If the subject submitting the report is a waste generator and at the same time a repurchaser or an operator of a waste recovery or waste disposal facility, it must submit a report for each activity on a separate form.

Y Codes of hazardous wastes according to Annex No. 3 to Order No. 284/2001 Coll. of Laws

Table 1A

Code	Waste groups
Y1	Clinical wastes from medical care in hospitals, medical centers and clinics
Y2	Wastes from the production and preparation of pharmaceutical products
Y3	Waste pharmaceuticals, drugs and medicines
Y4	Wastes from the production, formulation and use of biocides and phytopharmaceuticals
Y5	Wastes from the manufacture, formulation and use of wood preserving chemicals
Y6	Wastes from the production, formulation and use of organic solvents
Y7	Wastes from heat treatment and tempering operations containing cyanides
Y8	Waste mineral oils unfit for their originally intended use
Y9	Waste oils/water, hydrocarbons/water mixtures, emulsions
Y10	Waste substances and articles containing or contaminated with polychlorinated biphenyls (PCBS) and/or polychlorinated terphenyls (PCTS) and/or polybrominated biphenyls (PBBS) or contaminated by them
Y11	Waste tarry residues arising from refining, distillation and any pyrolytic treatment
Y12	Wastes from production, formulation and use of inks, dyes, pigments, paints, lacquers and

- varnishes
- Y13** Wastes from production, formulation and use of resins, latex, plasticizers, glues and adhesives
- Y14** Waste chemical substances arising from research and development or teaching activities which are not identified and/or are new and whose effects on man or the environment are not known
- Y15** Wastes of an explosive nature not subject to other legislation
- Y16** Wastes from production, formulation and use of photographic chemicals and processing materials
- Y17** Wastes resulting from surface treatment of metals and plastics
- Y18** Residues arising from industrial waste disposal operations

Table 1B

Code Wastes containing the following injurants

- Y19** Metal carbonyls
- Y20** Beryllium, beryllium compounds
- Y21** Hexavalent chromium compounds
- Y22** Copper compounds
- Y23** Zinc compounds
- Y24** Arsenic, arsenic compounds
- Y25** Selenium, selenium compounds
- Y26** Cadmium, cadmium compounds
- Y27** Antimony, antimony compounds
- Y28** Tellurium, tellurium compounds
- Y29** Mercury, mercury compounds
- Y30** Thallium, thallium compounds
- Y31** Lead, lead compounds
- Y32** Inorganic fluorine compounds excluding calcium fluoride
- Y33** Inorganic cyanides
- Y34** Acidic solutions or acids in solid form
- Y35** Basic solutions or bases in solid form
- Y36** Asbestos (dust and fibres)
- Y37** Organic phosphorus compounds
- Y38** Organic cyanides
- Y39** Phenols, phenol compounds including chlorophenols
- Y40** Ethers
- Y41** Halogenated organic solvents
- Y42** Organic solvents excluding halogenated solvents
- Y43** All material containing polychlorinated dibenzo-furan
- Y44** All material containing polychlorinated dibenzo-p-dioxin
- Y45** Organohalogen compounds other than substances referred to in this Table (e.g. Y39, Y41, Y42, Y43, Y44)

Coding of the means of waste handling:

Codes of handling according to the following tables 2A, 2B and 2C, distinguishing activities leading to waste recovery according to Annex No. 2 to the Act or waste disposal according to Annex No. 3 to the Act shall be indicated shall be indicated in the form.

Table 2A

Code	Waste accumulation
Z	Waste accumulation means temporary storage of waste preceding its further on-site handling

Table 2B

Code	Waste recovery
R1	Use mainly as a fuel or other means to generate energy
R2	Solvent reclamation or regeneration

R3	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)
R4	Recycling or reclamation of metals and metal compounds
R5	Recycling or reclamation of other inorganic materials
R6	Regeneration of acids and bases
R7	Recovery of components used for pollution abatement
R8	Recovery of components from catalysts
R9	Oil re-refining or other reuses of oil
R10	Land treatment resulting in benefit to agriculture or ecological improvement
R11	Use of wastes generated at any of the operations numbered R1 through R10
R12	Exchange of wastes for submission to any of the operations numbered R1 through R11
R13	Storage of wastes before its use for any of the operations numbered R1 through R12 (except temporary storage, prior collection, on the site of its generation)

Table 2C

Code	Waste disposal
D1	Deposit into or onto land (e.g., landfill, etc.)
D2	Land treatment (e.g., biodegradation of liquid or sludgy discards in soils, etc.)
D3	Deep injection (e.g., injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
D4	Surface impoundment (e.g., placement of liquid or sludge discards into pits, ponds or lagoons, etc.)
D5	Specially engineered landfills (e.g., placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
D6	Release and tipping into a water body except seas and oceans
D7	Release and tipping into seas and oceans including sea-bed insertion
D8	Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 through D12
D9	Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 through D12 (e.g., evaporation, drying, calcination, etc.)
D10	Incineration on land
D11	Incineration at sea
D12	Permanent storage (e.g., emplacement of containers in mines, etc.)
D13	Blending or mixing prior to submission to any of the operations numbered D1 through D12
D14	Repackaging prior to submission to any of the operations numbered D1 through D12
D15	Storage pending any of the operations numbered D1 through D14 (except temporary storage, prior collection, on the site of its generation)

**WASTES, GENERATION AND DISPOSAL OF WHICH SHOULD BE REPORTED
IRRESPECTIVE OF THEIR QUANTITIES**

Waste Code	Waste Identification	Waste Category
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 07	H
03 03 05	de-inking sludges from paper recycling	H
04 01 02	liming waste	H
04 01 03	degreasing waste containing solvents without a liquid phase	H
04 01 04	tanning liquor containing chromium	H
04 01 06	sludges, in particular from on-site effluent treatment containing chromium	H
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium	H
05 07 01	wastes containing mercury	H
06 03 11	solid salts and solutions containing cyanides	H
06 03 13	solid salts and solutions containing heavy metals	H
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13	H
06 04 04	waste containing mercury	
06 04 05	waste containing other heavy metals	
07 01 03	organic halogenated solvents, washing liquids and mother liquors	H
07 01 07	halogenated still bottoms and reaction residues	H
07 01 09	halogenated filter cakes and spent absorbents	H
07 02 03	organic halogenated solvents, washing liquids and mother liquors	H
07 03 03	organic halogenated solvents, washing liquids and mother liquors	H
07 03 07	halogenated still bottoms and reaction residues	H
07 03 09	halogenated filter cakes and spent absorbents	H
07 04 03	organic halogenated solvents, washing liquids and mother liquors	H
07 04 07	halogenated still bottoms and reaction residues	H
07 04 09	halogenated filter cakes and spent absorbents	H
07 05 03	organic halogenated solvents, washing liquids and mother liquors	H
07 05 07	halogenated still bottoms and reaction residues	H
07 05 09	halogenated filter cakes and spent absorbents	H
07 06 03	organic halogenated solvents, washing liquids and mother liquors	H
07 06 07	halogenated still bottoms and reaction residues	H
07 06 09	halogenated filter cakes and spent absorbents	H
07 07 07	halogenated still bottoms and reaction residues	H

Waste Code	Waste Identification	Waste Category
08 01 13	sludges from paint or varnish containing organic solvents or other dangerous substances	H
08 03 14	ink sludges containing dangerous substances	H

08 04 11	adhesive and sealant sludges containing organic solvents or other dangerous substances	H
11 03 01	waste containing cyanide	H
13 01 01	hydraulic oils containing PCBs	H
13 03 01	insulating oils or oils containing PCBs	H
14 06 01	chlorofluorocarbons	H
14 06 02	other halogenated solvents and solvent mixtures	H
14 06 04	sludges or solid wastes containing halogenated solvents	H
16 02 09	transformers and capacitors containing PCBs	H
17 04 03	lead	H
18 01 03	waste whose collection and disposal is subject to special requirements in view of the prevention of infection	H
20 01 21	fluorescent tubes and other mercury-containing waste	H

**Annex No. 6
to Order No. 283/2001 Coll. of Laws**

Sample **REGISTRATION NOTES OF THE LANDFILL**

Year:	To be filled by the authority	
	Stamp of the authority:	Registration No.: Delivery date: Document verified on behalf of the authority by
Sheet No.:		
No. of sheets:		

LANDFILL OPERATOR	IČO									LANDFILL																						
Business Name	Landfill identification: Landfill No.:																															
Address Street: Municipality: ZIP Code:	Municipality where the main part of landfill is located: Cadaste No: Code of the cadastre: Local name of the landfill:																															
Statutory body Name: Telephone: Fax: E-mail: URL:	Responsible person Name: Telephone: Fax: E-mail: URL:																															
Date of signature <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table> Stamp and signature												Date of signature <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table> Stamp and signature																				

SPECIFIC DATA ON THE LANDFILL	UTILISATION OF THE LANDFILL
Class of the landfill:	Area of the landfill as on 31.12. (m ²):
Year of the commencement of operation:	Total capacity as on 31.12. (m ³):
Year of the termination of operation:	Waste quantity deposited during a year (in tonnes)
Balance of the financial reserve in SKK:	Free capacity (m ³):

MONITORING OF THE LANDFILL

Monitored parameter	Permitted value		Real value		Note
	Quantity	Unit	Quantity	Unit	
1	2	3	4	5	6

REGISTRATION NOTES OF THE LANDFILL

Instructions for filling in the form REGISTRATION NOTES OF THE LANDFILL

Year – indicate the year for which the Registration notes of the landfill is sent.

Registration number – indicate the registration number assigned by the appropriate authority.

Delivery date – indicate the date of delivery of the form to the appropriate authority.

Document verified on behalf of the authority by – indicate the name of the officer at the appropriate authority who checked whether the form was filled in completely.

LANDFILL OPERATOR

Company identification number (IČO) – indicate the identification number of the company operating the landfill; if the company identification number consists of less than eight digits, zeros shall be added from the left side until the total number of digits is 8.

Business name – indicate the business name of the company operating the landfill (legal or natural person) in the form recorded in the Business Register or in the trade licence, or the name of the municipality.

Street, municipality, ZIP code – indicate the precise and complete address of the landfill operator.

Statutory body – indicate the name of the employee registered in the Business Register or the trade license and represents the operator, his telephone and fax numbers, and e-mail and URL addresses.

Date of signature – indicate the date when the form was signed.

LANDFILL

Landfill identification - indicate the landfill number assigned by the appropriate authority, the name of the municipality where the major part of the landfill is located, the name and code of the cadastre and the local name of the landfill.

Responsible person – indicate the name of the authorised person responsible for landfill operation and disposal of wastes at the landfill, his telephone and fax numbers, and e-mail and URL addresses.

Date of signature – indicate the date when the form was signed.

SPECIFIC DATA ON THE LANDFILL

Indicate the class of landfill, year of the commencement of operation, envisaged year of the termination of operation and state of the financial reserve in SKK.

Balance of the financial reserve means the financial standing/balance of the special purpose financial reserve supported by the bank statement of 31 December of the respective year.

UTILISATION OF THE LANDFILL

Indicate the area, total and rest capacity of the landfill at the end of the year and the quantity of wastes deposited during the year concerned in tonnes .

MONITORING OF THE LANDFILL

Indicate, for each monitored parameter according to the operation rules of the landfill, the waste identification in column 1 and columns 2 and 3 and its permitted and real values given as quantity and unit of measurement in columns 4 and 5. In column 6, a reference to the sequence number of a note included in an annex to the form may be given.

LIST OF WASTES FOR WHICH A CONSENT WAS GRANTED

In columns 1, 2 and 3 indicate the code, identification and category of the permitted waste. In column 4 indicate the date when the appropriate authority granted the consent.

A special annex shall contain a situation plan of the landfill indicating the position where hazardous waste is deposited.

**Annex No. 7
to Order No. 283/2001 Coll. of Laws**

SAMPLE

REGISTRATION NOTES OF THE WASTE RECOVERY/DISPOSAL FACILITY

Year:

Sheet No.:

No. of sheets:

To be filled by the authority	
Stamp of the authority:	Registration No.: Delivery date: Document verified on behalf of the authority by

COMPANY	IČO									ESTABLISHMENT/PLANT																
Business Name										Name																
Address Street: Municipality: ZIP Code:										Address Street: Municipality: ZIP Code:																
Statutory body Name: Telephone: Fax: E-mail: URL:										Responsible person Name: Telephone: Fax: E-mail: URL:																
Date of signature <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table> Stamp and signature																		Date of signature <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table> Stamp and signature								

DESCRIPTION OF THE FACILITY									
Facility No.:	<table border="1" style="display: inline-table;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>								
Code of the facility:	<table border="1" style="display: inline-table;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>								
Technology:									
Year of the commencement of operation:	<table border="1" style="display: inline-table;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>								
Projected annual capacity:	<table border="1" style="display: inline-table;"><tr><td style="width: 100px; height: 20px;"></td></tr></table>								
	Waste quantities recovered/disposed during the year in tonnes								

Real annual capacity:

MONITORING OF EFFECTS ON THE ENVIRONMENT

Monitored parameter	Permitted value		Real value		Note
	Quantity	Unit	Quantity	Unit	
1	2	3	4	5	6

Form

REGISTRATION NOTES OF THE WASTE RECOVERY/DISPOSAL FACILITY

Instructions for filling in the form REGISTRATION NOTES OF THE WASTE RECOVERY/DISPOSAL FACILITY

Year – indicate the year for which the Registration notes of the waste recovery/disposal facility is sent.

Registration number – indicate the registration number assigned by the appropriate authority.

Delivery date – indicate the date of delivery of the form to the appropriate authority.

Document verified on behalf of the authority by – indicate the name of the officer at the appropriate authority who checked whether the form was filled in completely.

COMPANY

Company identification number (IČO) – indicate the identification number of the company; if the company identification number consists of less than eight digits, zeros shall be added from the left side until the total number of digits is 8.

Business name – indicate the business name of the company (legal or natural person) in the form recorded in the Business Register or in the trade licence, or the name of the municipality.

Street, municipality, ZIP code – indicate the precise and complete address of the company.

Statutory body – indicate the name of the employee registered in the Business Register or the trade license and represents the operator, his telephone and fax numbers, and e-mail and URL addresses.

Date of signature – indicate the date when the form was signed.

ESTABLISHMENT/PLANT

Name – indicate if established within the organisation

Street, municipality, ZIP code – indicate the precise and complete address of the company.

Responsible person – indicate the name of the authorised person responsible for operation of the facility, his telephone and fax numbers, and e-mail and URL addresses.

Date of signature – indicate the date when the form was signed.

DESCRIPTION OF THE FACILITY

Facility No. – indicate the facility number assigned by the appropriate authority.

Code of the authority – the type of the facility for collection, recovery or disposal of wastes shall be denoted by a code corresponding to the means of waste handling (according to Tables A, B, C).

Table A

Code	Waste collection, recovery or disposal facility
V	Waste collecting point performing accumulation, separation or mixing of wastes for the purpose of their shipment to a place of their further handling
R1 to R13	Waste recovery facility performing any of the operations numbered R1 through R13 referred to in Table B
D1 to D15	Waste disposal facility performing any of the operations numbered D1 through D15 referred to in Table C

Technology – indicate brief description/name of the technology.

Year of the commencement of operation - indicate the year of the commencement of operation.

Projected annual capacity – indicate the projected annual capacity in units of measurement (in tonnes).

Real projected capacity – indicate the real annual capacity in units of measurement (in tonnes).

Waste quantities recovered/disposed during the year concerned – indicate the total quantity (in tonnes) of waste recovered/disposed during the year concerned.

MONITORING OF EFFECTS ON THE ENVIRONMENT

In column 1 indicate the monitored parameter according to the operation rules of the facility, in columns 2 and 3 and in columns 4 and 5 indicate respectively its permitted and real values given as quantity and unit of measurement. In column 6, a reference to the sequence number of a note included in an annex to the form may be given.

LIST OF WASTES FOR WHICH A CONSENT WAS GRANTED

In columns 1, 2 and 3 indicate the code, identification and category of the permitted waste. In column 4 indicate the date when the appropriate authority granted the consent, if required.

Table B

Code	Waste recovery
R1	Use mainly as a fuel or other means to generate energy
R2	Solvent reclamation or regeneration
R3	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)
R4	Recycling or reclamation of metals and metal compounds
R5	Recycling or reclamation of other inorganic materials
R6	Regeneration of acids and bases
R7	Recovery of components used for pollution abatement
R8	Recovery of components from catalysts
R9	Oil re-refining or other reuses of oil
R10	Land treatment resulting in benefit to agriculture or ecological improvement
R11	Use of wastes generated at any of the operations numbered R1 through R10
R12	Exchange of wastes for submission to any of the operations numbered R1 through R11
R13	Storage of wastes before its use for any of the operations numbered R1 through R12 (except temporary storage, prior collection, on the site of its generation)

Table C

Code	Waste disposal
D1	Deposit into or onto land (e.g., landfill, etc.)
D2	Land treatment (e.g., biodegradation of liquid or sludgy discards in soils, etc.)
D3	Deep injection (e.g., injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
D4	Surface impoundment (e.g., placement of liquid or sludge discards into pits, ponds or lagoons, etc.)
D5	Specially engineered landfills (e.g., placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
D6	Release and tipping into a water body except seas and oceans
D7	Release and tipping into seas and oceans including sea-bed insertion
D8	Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 through D12
D9	Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 through D12 (e.g., evaporation, drying, calcination, etc.)
D10	Incineration on land
D11	Incineration at sea
D12	Permanent storage (e.g., emplacement of containers in mines, etc.)
D13	Blending or mixing prior to submission to any of the operations numbered D1 through D12
D14	Repackaging prior to submission to any of the operations numbered D1 through D12
D15	Storage pending any of the operations numbered D1 through D14 (except temporary storage, prior collection, on the site of its generation)

Annex No. 8
to Order No. 283/2001 Coll. of Laws

SAMPLE

CONSIGNMENT NOTE OF THE HAZARDOUS WASTES Permit number:

Permit of shipment
issued by:

--	--

1	CONSIGNOR	2	Loading point	3	Consignment handed over to the carrier
	IČ O		IČ O		Date:
	Name of the company: Street: Municipality: ZIP Code: Contact person: Telephone: Fax:		Name of the company: Street: Municipality: ZIP Code: Contact person: Telephone: Fax:		Time: Consignor: Stamp and signature

4	CONSIGNEE	5	Unloading point	6	Consignment received by the consignee
	IČ O		IČ O		Date:
	Name of the company: Street: Municipality: ZIP Code: Contact person: Telephone: Fax:		Name of the company: Street: Municipality: ZIP Code: Contact person: Telephone: Fax:		Time: Consignor: Stamp and signature

7	CARRIER 1	8	Consignment received by the carrier
	IČ O		Date:
	Name of the company: Street: Municipality: ZIP Code: Contact person: Telephone: Fax:		Code of the means of transport: 1) Registration number of the trailer: Registration number of the trailer: Registration number of the trailer: Wagon No.: Shipment No.: Air consignment No.:
			Time: Consignor: Stamp and signature

9	CARRIER 2	10	Consignment received by the carrier
	IČ O		Date:
	Name of the company: Street:		Code of the means of transport: 1) Registration number of the trailer:
			Time:

Municipality: Code: Contact person: Telephone: Fax:	ZIP	Registration number of the trailer: Registration number of the trailer: Wagon No.: Shipment No.: Air consignment No.:	Consignor: Stamp and signature
---	-----	---	---

Waste code according to the Catalogue of Wastes	Shortened identification of waste according to the Catalogue of Waste	Y Code	ADR/RID facility	Hazardous class	UN number	Type of packaging	Waste quantity (in tonnes)		Volume (m ³)
							gross	net	
11	12	13	14	15	16	17	18	19	20

21. Enclosed documents: Instruction in case of accident: Other documents:	22. Hereby I confirm that: recovery disposal of the above mentioned wastes has been performed Date: Name: Signature: * cross what appropriate Signature:
---	---

1) Code of the means of transport: 1 – road, 2 – railway, 3 – water, 4 – air, 5 - combined

CONSIGNMENT NOTE OF THE HAZARDOUS WASTE

Instructions for filling in the form CONSIGNMENT NOTES OF THE HAZARDOUS WASTE

Permit number - indicate the number of the decision on the shipment of hazardous waste rendered by the appropriate authority.

Permit of shipment issued by – indicate in the respective box the code of the region or district rendering the decision on the shipment in accordance with the classification of regions and districts of the Slovak Republic.¹⁾

Consignor – fills in entries 1 to 3, columns 11 to 20 and/or line 21 of the consignment note and all its seven carbon copied sheets. In line 21 the consignor writes the statement that hazardous wastes handed over for shipment can be transported by road in accordance with the ADR agreement and that their status, treatment, packaging and safety labels are in compliance with this agreement.

Carrier 1 – fills in entries 7 and 8 of the consignment note and all its seven carbon copied sheets. The consignor keeps sheet No. 1, confirmed by the carrier, for his own record-keeping purposes. The carrier takes over sheets No. 2 to 8 together with the consignment.

Carrier 2 – fills in entries 9 and 10 of the sheet No. 2 of the consignment note and all its six carbon copied sheets. The carrier 1 keeps sheet No. 2, confirmed by the carrier 2, for his own record-keeping purposes. The carrier 2 takes over sheets No. 3 to 8 together with the consignment.

Consignee - fills in entry 4 of the consignment note and in entries 5 and 6 of sheets No. 3 to 8 he confirms the take-over of the consignment from the carrier 2. The carrier 2 keeps sheet No. 3, confirmed by the consignee, for his own record-keeping purposes.

The waste consignee, who is an operator of a waste recovery or waste disposal facility, confirms the waste recovery or waste disposal in entry 22 on sheets No. 4 to 8.

The waste consignee sends sheet No. 4 to the waste consignor within 10 days from the take-over of the hazardous waste consignment.

The waste consignee sends sheet No. 5 to the competent district office according to the hazardous waste consignor's seat or place of business.

The waste consignee sends sheet No. 6 to the competent district office according to the hazardous waste consignee's seat or place of business.

The waste consignee sends sheet No. 7 to the regional office if the permit of shipment was issued by the regional office.

The waste consignee keeps sheet No. 8 for his own record-keeping purposes.

¹⁾ Arrangements of the Statistical Office of the Slovak Republic No. 299/1996 Coll. of Laws establishing the classification of territorial units of the Slovak Republic.

Annex No. 9
to Order No. 283/2001 Coll. of Laws

SAMPLE
REPORT ON QUANTITIES OF PRODUCTION, EXPORT, IMPORT AND RE-EXPORT

Quarter:

Sheet No.:

No. of sheets:

To be filled by the authority	
Stamp of the authority:	Registration No.: Delivery date: Document verified on behalf of the authority by

COMPANY	IČO							ESTABLISHMENT/PLANT
Business Name				Name				
Address Street: Municipality: ZIP Code:				Address Street: Municipality: ZIP Code:				
Statutory body Name: Telephone: Fax: E-mail: URL:				Responsible person Name: Telephone: Fax: E-mail: URL:				
Date of signature □□ □□ □□□□				Date of signature □□ □□ □□□□				
.....							
Stamp and signature				Stamp and signature				

NAME OF THE PRODUCT					
Date	Quantity of the product in tonnes				IČO, business name
	Production	Import	Export	Re-export	

--	--	--	--	--	--	--

Form

REPORT ON QUANTITIES OF PRODUCTION, IMPORT, EXPORT, RE-EXPORT

Instructions for filling in the form REPORT ON QUANTITIES OF PRODUCTION, IMPORT, EXPORT, RE-EXPORT

Any product shall be recorded in the form when produced within the production process (if it is single production process of the product). If any product is produced continuously during a specific period of time (e.g. shift, week), its quantity shall be recorded as a summary, if possible, by the responsible person keeping records on the product, however, at least once a week. In cases of the import, export or re-export, the quantities of imported, exported or re-exported products shall be recorded in the report.

Registration number – indicate the registration number assigned by the appropriate authority or the Recycling Fund.

Delivery date – indicate the date of delivery of the form to the appropriate authority or to the Recycling Fund.

Document verified on behalf of the authority by – indicate the name of the officer at the appropriate authority or the Recycling Fund who checked whether the form was filled in completely.

COMPANY

Company identification number (IČO) – indicate the identification number of the company; if the company identification number consists of less than eight digits, zeros shall be added from the left side until the total number of digits is 8.

Business name – indicate the business name of the company (legal or natural person) in the form recorded in the Business Register or in the trade licence, or the name of the municipality.

Street, municipality, ZIP code – indicate the precise and complete address of the company.

Statutory body – indicate the name of the employee registered in the Business Register or the trade license and represents the operator, his telephone and fax numbers, and e-mail and URL addresses.

Date of signature – indicate the date when the form was signed.

ESTABLISHMENT/PLANT

This section shall be filled in if the establishment/plant differs from section concerning the company.

Name of stand-alone establishment/plant – indicate if established within the organisation

Street, municipality, ZIP code – indicate the precise and complete address of the company.

Responsible person – indicate the name of the authorised person responsible for operation of the facility, his telephone and fax numbers, and e-mail and URL addresses.

Date of signature – indicate the date when the form was signed.

NAME OF THE PRODUCT

Name of the product indicate the name of the produced, imported, exported or re-exported product. If more types of products are produced, imported, exported or re-exported, each of them shall be recorded in a separate form.

Date – date of the production, import, export or re-export of the product

Quantity of the product - indicate in tonnes

In the column 'production'/'import'/'export' indicate the quantity of produced/imported/ exported product.

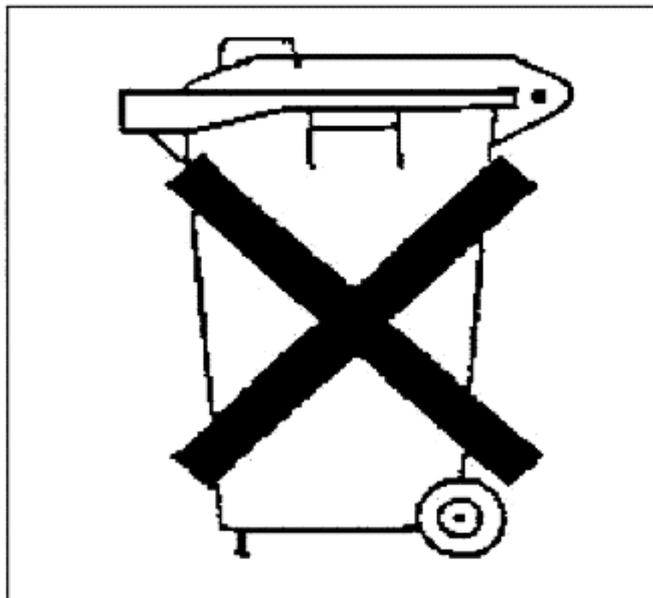
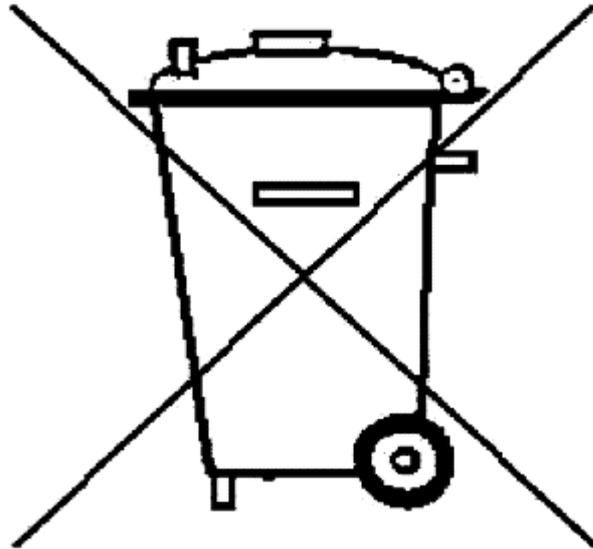
In the column 're-export' indicate the quantity of the product exported from the imported product.

Columns 'import' and 're-export' shall be filled in by producers and importers of

- multi-plied combined materials, as well as by importers of products in packagings made of these materials,
- consumer electronics,
- plastics,
- fluorescent tubes containing mercury.

IČO, business name – in cases of the import, export or re-export indicate, in this column, IČO and the business name of the company from which the product has been imported, to which the product has been exported or re-exported. In the case of natural persons indicate their names and surnames and their places of residence.

Symbols of the prohibition of mixing batteries and accumulators with household waste



RECORDS FROM THE ANALYTICAL CONTROL OF WASTE

Records No.:

Number of pages:

Identification of the laboratory

Name of the laboratory:

Accreditation certificate/SLP No.:

Address:

Company identification number (IČO):

Telephone/fax:

Identification of the order party

Name of the organisation:

Address:

Company identification number (IČO):

Telephone/fax:

Order No.:

Date of receipt of the sample in the laboratory:

Date of accomplishing of the analytical control:

Details of the analysed sample

Sampling carried out by:

(Reference to the records from sampling)

Identification data on the sample:

Labelling of the sample:

Number/name (according to the Catalogue of Waste):

Characteristic of the sample:

Total mass(weight)/volume of the sample:

Type of the sample:

Means of storage and preserving of the sample:

Processing of the sample before its analysis:

Specific data on the sample:

Test methods used

Test:

Method:
(standard/regulation)

Note:
(modification of the method, etc.)

Results of tests

Sample:
(labelling)

Result:

Unit:

.....
Person responsible for quality assurance
(signature, stamp)

.....
Person responsible for technical aspects of the records

IDENTIFICATION CARD OF HAZARDOUS WASTE

1. Waste identification:								
2. Waste Number:	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> </tr> </table>							
3. Physical and chemical characteristics of the waste:								
4. Hazardous characteristics of the waste:								
5. Recommended methods of waste disposal:								
6. Measures in cases of accidents and fires:								
6.1. In cases of spillage, gas leakage, etc.:								
6.2. Appropriate fire extinguishing substances:								
6.3. First aid:								
7. Other information:								
8. Waste generator (name, address):	Telephone: Fax:							
9. Elaborated by:	Telephone: Fax:							
Name:								
Address of the organisation:								
Date:	Signature:							

Annex No. 13
to Order No. 283/2001 Coll. of Laws

LIMIT VALUES FOR PARAMETERS FOR THE LEACHATE FROM INERT WASTE

	Parameter	Unit	Limit value
1	pH	-	5,5 - 10
2	Conductivity	mS/m	100
3	Odour	-	none
4	Ecotoxicity	-	negative
5	Dissolved organic carbon (DOC)	mg/l	10,0
6	Polycyclic aromatic hydrocarbons (PCAH)	mg/l	0,002
7	Phenol index	mg/l	0,05
8	Chemical oxygen demand (COD _{Cr}) ¹⁾	mg/l	20
9	Non-polar extractable substances (NPES)	mg/l	0,1
10	Adsorbable organic halogens (AOX)	mg/l	0,03
11	Anion active agents / tensides ²⁾	mg/l	0,2
12	Benzene, toluene, xylene (BTX)	mg/l	0,3
13	Calcium	mg/l	³⁾
14	Magnesium	mg/l	³⁾
15	Aluminium	mg/l	2,0
16	Antimony	mg/l	0,05
17	Arsenic	mg/l	0,05
18	Barium	mg/l	1,0
19	Beryllium	mg/l	0,005
20	Boron	mg/l	0,5
21	Lead	mg/l	0,05
22	Cadmium	mg/l	0,005
23	Total chromium	mg/l	0,05
24	Chromium VI	mg/l	0,02
25	Iron	mg/l	1,0
26	Cobalt	mg/l	0,05
27	Copper	mg/l	0,1
28	Bismuth	mg/l	0,05
29	Nickel	mg/l	0,1
30	Mercury	mg/l	0,001
31	Selenium	mg/l	0,01
32	Silver	mg/l	0,1
33	Thallium	mg/l	0,01
34	Vanadium	mg/l	0,05
35	Zinc	mg/l	3,0
36	Tin	mg/l	0,05

37	Fluorides	mg/l	1,5
38	Ammonium ions	mg/l	0,5
39	Chlorides	mg/l	200
40	Total cyanides	mg/l	0,05
41	Easy releasable cyanides	mg/l	0,01
42	Nitrates	mg/l	50
43	Nitrites	mg/l	0,1
44	Total phosphates	mg/l	50
45	Sulphates	mg/l	250

Notes:

¹⁾ Oxidizability with $K_2Cr_2O_7$

²⁾ Anion active agents (tensides) recalculated to natrium dodecylsulphonate

³⁾ Limited by conductivity

Annex No. 14
to Order No. 283/2001 Coll. of Laws

LIMIT VALUES FOR PARAMETERS FOR THE LEACHATE FROM NON-HAZARDOUS WASTE

	Parameter	Unit	Limit value
1	pH	-	5,5 - 10
2	Conductivity	mS/m	1000
3	Ecotoxicity	ml/l	10
4	Polycyclic aromatic hydrocarbons (PCAH)	mg/l	0,01
5	Phenol index	mg/l	10
6	Non-polar extractable substances (NPES)	mg/l	100
7	Adsorbable organic halogens (AOX)	mg/l	5,0
8	Dissolved organic carbon (DOC)	mg/l	200
9	Chemical oxygen demand (COD _{Cr}) ¹⁾	mg/l	300
10	Anion active agents / tensides ²⁾	mg/l	2,0
11	Calcium	mg/l	³⁾
12	Magnesium	mg/l	³⁾
13	Aluminium	mg/l	50
14	Antimony	mg/l	5,0
15	Arsenic	mg/l	5,0
16	Barium	mg/l	50,0
17	Beryllium	mg/l	0,5
18	Boron	mg/l	100
19	Lead	mg/l	10
20	Cadmium	mg/l	0,5
21	Total chromium	mg/l	50,0
22	Iron	mg/l	³⁾
23	Cobalt	mg/l	10
24	Copper	mg/l	10
25	Bismuth	mg/l	50
26	Nickel	mg/l	50,0
27	Mercury	mg/l	0,05
28	Selenium	mg/l	5,0
29	Silver	mg/l	5,0
30	Thallium	mg/l	2,0
31	Vanadium	mg/l	20,0
32	Zinc	mg/l	100
33	Tin	mg/l	100
34	Fluorides	mg/l	50,0

35	Ammonium ions	mg/l	³⁾
36	Chlorides	mg/l	³⁾
37	Total cyanides	mg/l	20,0
38	Easy releasable cyanides	mg/l	10,0
39	Nitrates	mg/l	³⁾
40	Nitrites	mg/l	³⁾
41	Total phosphates	mg/l	³⁾
42	Sulphates	mg/l	³⁾

Notes:

¹⁾ Oxidizability with $K_2Cr_2O_7$

²⁾ Anion active agents (tensides) recalculated to natrium dodecylsulphonate

³⁾ Limited by conductivity

MONITORING SYSTEM OF THE LANDFILL

I. Meteorological data

Data from monitoring at the landfill or from the nearest meteorological station, data from which can be applied to the landfill concerned and which shall be collected and evaluated in intervals according to Table No. 1.

The said data shall be collected and evaluated only if required by the competent state authority in its decision or if they are necessary for evaluating of water balance at the landfill.

Table No. 1

	Operation phase	After-care phase
Volume of precipitation	daily	daily, monthly sum
Temperature (min., max., 14.00 h CET)	daily	monthly average
Direction and force of prevailing wind	daily	not required
Evaporation (lysimeter) ¹⁾	daily	daily, monthly sum
Atmospheric humidity (14.00 h CET)	daily	monthly average

II. Emission data

Sampling and measuring of the volume and composition of leachate and surface water, if present at the landfill, must be carried out at representative points.

Monitoring of surface water, if present, shall be carried out at not less than two points, one upstream from the landfill and one downstream.

Gas monitoring must be representative for each section of the landfill.

The frequency of sampling and analysis is listed in Table No. 2 and must also be specified in the permit for operating of the landfill.

Table No. 2

	Operation phase	After-care phase
Leachate volume	monthly ^{2), 7)}	every six months
Leachate composition ³⁾	quarterly ^{2), 7)}	every six months
Volume and composition of surface water ⁶⁾	quarterly ²⁾	every six months
Potential gas emissions and atmospheric pressure	monthly ^{2), 4)}	every six months ⁵⁾

III. Protection of groundwater a) Sampling

1. The measurements must be carried out in such a way as to provide information on groundwater likely to be affected by the landfilling of waste, with at least one measuring point in the groundwater inflow landfill region and two in the outflow landfill region. The number of measuring points can be increased on the basis of a specific hydrogeological survey and with a view to the need for an early identification of accidental leachate release in the groundwater.

2. Sampling of groundwater must also be carried out in at least three locations before the filling operations in order to establish reference values for future sampling.

b) Monitoring

1. The parameters to be analysed in the samples taken must be derived from the expected composition of the leachate and the groundwater quality in the area concerned. In selecting the parameters for analysis account should be taken of mobility in the groundwater zone.
2. Parameters could also include indicator parameters that ensure an early recognition of change in groundwater quality. Recommended parameters: pH, total organic carbon content, phenols, heavy metals, fluoride, AS, anionic active agents/tensides, oil/hydrocarbons.
3. The level of groundwater shall be measured every six months during the operation phase of the landfill and also during its after-case phase. If there are significantly fluctuating groundwater levels in the area concerned, the frequency of measurements must be increased.
4. The frequency of groundwater composition measurements shall be determined depending on the character of the landfill and on the basis of knowledge and the evaluation of the velocity of groundwater flow in the area during the operation phase of the landfill and also during its after-case phase.
5. Significant adverse environmental effects of the landfill should be considered to have occurred, when an analysis of a groundwater sample shows a significant change in water quality. A trigger level must be determined taking account of the specific hydrogeological formations in the location of the landfill and groundwater quality. The trigger level must be laid down in the permit for operating of the landfill whenever possible.
6. When a trigger level is reached according to a special regulation¹⁾ (the trigger level), repeating of the sampling is necessary. When the level has been confirmed, a emergency plan must be followed which forms an integral part of the operational rules of the landfill.
7. The observations must be always whenever possible evaluated by means of control charts with established control rules and levels for each monitoring probe.
8. The control levels must be determined from local variations in groundwater quality.

IV. Topography of the landfill

The following data on the landfill body shall be monitored:

1. Once a year during the operation phase of the landfill, structure and composition of the landfill body as data for the status plan of the landfill, namely surface occupied by waste, volume and composition of waste, location where hazardous waste is deposited, methods of waste depositing, time and duration of waste depositing, calculation of remaining capacity still available at the landfill.
2. Once a year during the operation phase of the landfill and also during its after-case phase, settling behaviour of the level of the landfill body.

Notes:

- ¹⁾ Or through other suitable methods.
- ²⁾ If the evaluation of data indicates that longer intervals are equally effective, they may be adapted. In leachates, their conductivity must always be measured once a year.
- ³⁾ The parameters to be measured and the substances to be analysed vary according to the composition of the waste deposited. They must be determined in the permit for operating of the landfill (the landfill permit).
- ⁴⁾ CH₄, CO₂, O₂ regularly, H₂S, H₂ and other gases as required, with a view to the composition and properties of the waste deposited.
- ⁵⁾ Efficiency of the gas collection system must be checked regularly.
- ⁶⁾ In the absence of surface water these measurements are not required.
- ⁷⁾ Volume and composition of leachate are monitored only where leachate collection takes place.

¹⁾ Order of the Ministry of Forest and Water Management of the Slovak Socialist Republic No. 23/1977 Coll. on the protection of surface and groundwater quality.

