



Amendments to the Waste Classification and Management Regulations and Associated Norms and Standards

26 FEBRUARY 2025

Waste Management Licence and Exclusion Workshop



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& the environment
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REPUBLIC OF SOUTH AFRICA



Amendments - Background

- The Waste Classification and Management Regulations and associated Norms and Standards (GNR 634, 635 & 636) were published for implementation on 23 August 2013.
- The Department undertook the review of the effectiveness of implementation of these Regulations in the 2019/2020 financial year.
- Outcomes of the review report were considered by a multi-stakeholder technical review committee comprising of government, industry, academia and NGOs in 2020/21.
- The technical committee then made recommendations in a form of an action plan for further consideration by smaller expert working groups in the 2021/2022 financial year.
- The expert working group developed recommendations for possible amendments in March 2022
- Drafting of legislative amendments in 2022/2023 financial year



Amendments: WCMR

- Replace the SANS 10234 standards with the Globally Harmonised System of Classification and Labelling of Chemicals published by the United Nations (Purple book);
- clarify definitions, new definitions i.e HCRW & landfill, incident, emergency situation, safety data sheet, facility, GHS;
- to clarify the offence and penalty provisions;
- to remove the chapter (4) which deals with waste management activities that do not require a waste management license; and
- to clarify the wastes listed in Appendix 1 that do not require classification, include waste oil and mercury containing waste



NS: Assessment of Waste for Landfill Disposal



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Amendments: NS for the Assessment of Waste for Landfill Disposal

- A guideline document developed based on guidelines from EPA Victoria and references from US EPA to provide guidance on sampling and analysis for assessment can be accessed on <http://sawic@environment.gov.za>
- Amendment of (6) to read “Notwithstanding section 7(2) of these Norms and Standards, wastes with all element or chemical substance leachable concentration levels for metal ions and inorganic anions below or equal to the LCT0 limits are considered to be **Type 4** waste, irrespective of the total concentration of elements or chemical substances in the waste



NS: Disposal of Waste to Landfill



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Amendments: NS Disposal of Waste to Landfill

- Provide clarity on the different landfill types and waste acceptance criteria for disposal to landfill. This includes enhanced requirements regarding containment barriers of landfills.

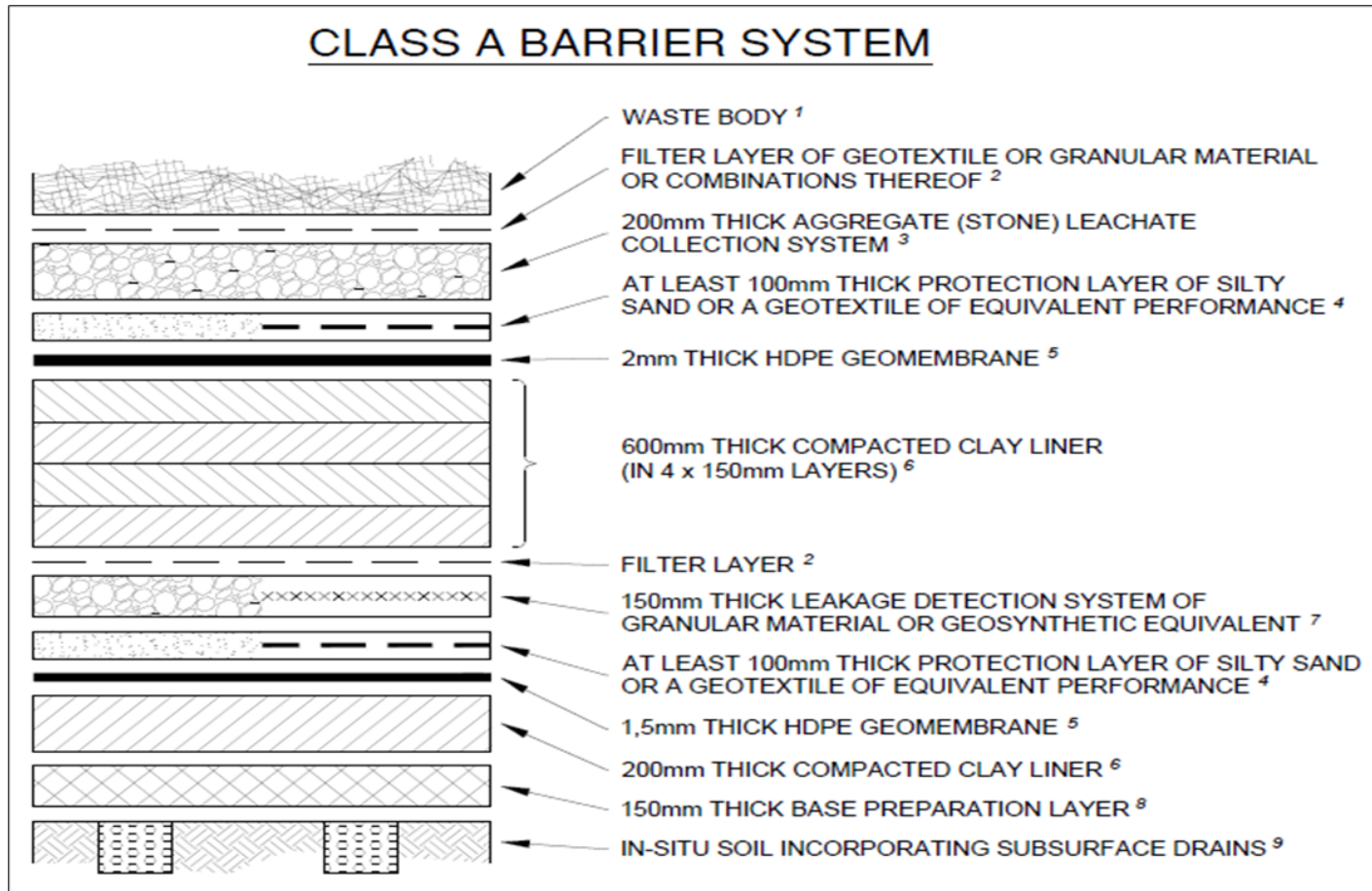
The substitution for Paragraph 4(3) for the following subparagraph:

Listed Waste	Landfill Disposal Requirements
i) Asbestos Waste	Disposal allowed at a Class A or Class B landfill designed in accordance with section 3(1) and (2) of these Norms and Standards or, subject to section 3(4) of these Norms and Standards, at a landfill site designed in accordance with the requirements for a GLB+ landfill as specified in the Minimum Requirements for Waste Disposal by Landfill (2nd Ed., DWAF, 1998). Disposal at Class B landfill will require specific approval by the relevant Competent Authority (National or Province) based on considerations on how the site is managed.

- introduce The guideline for Pollution Control Barrier System Design which can be accessed on <http://sawic@environment.gov.za>.”



Class A containment barrier

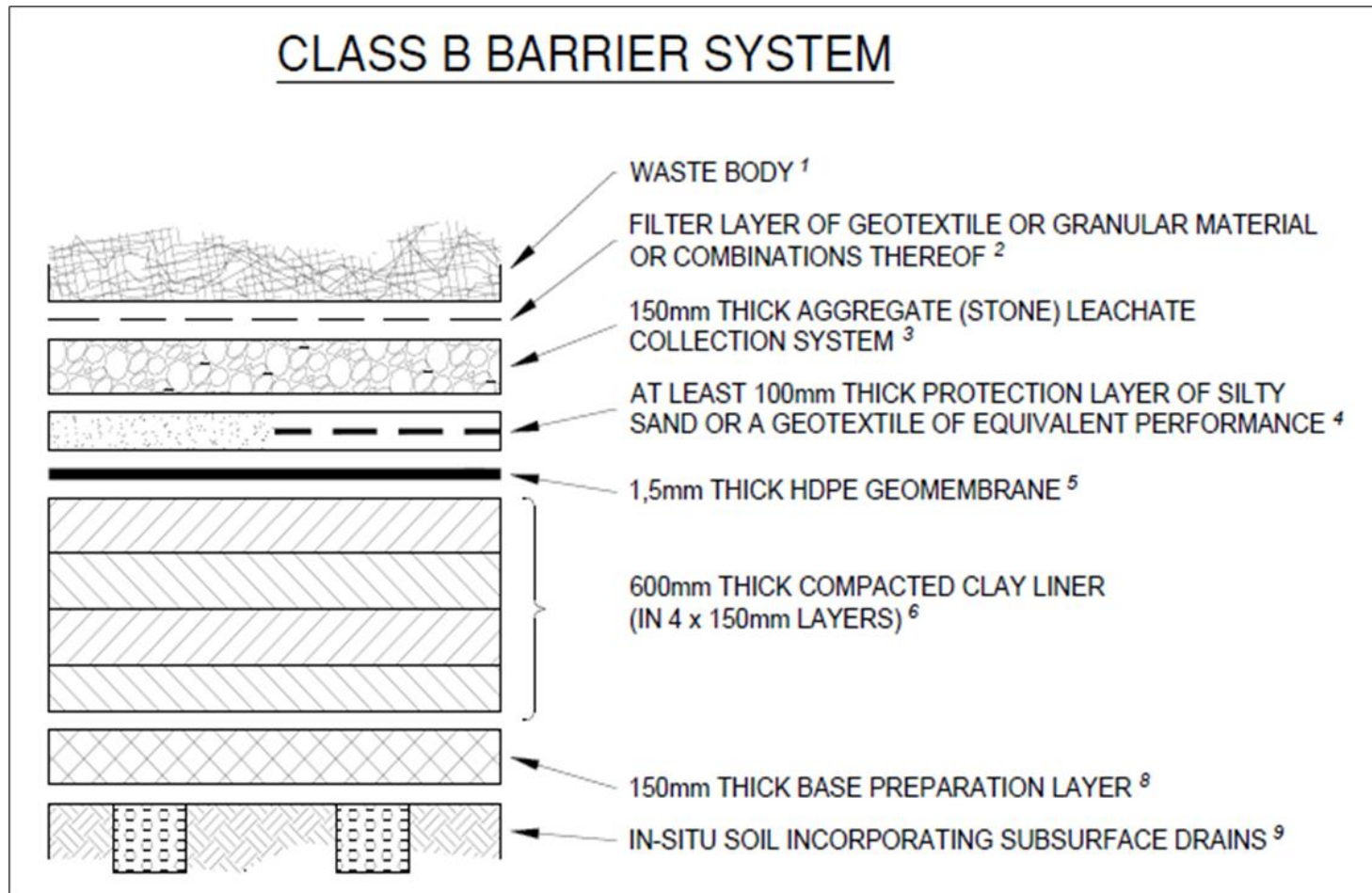


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Class B containment barrier



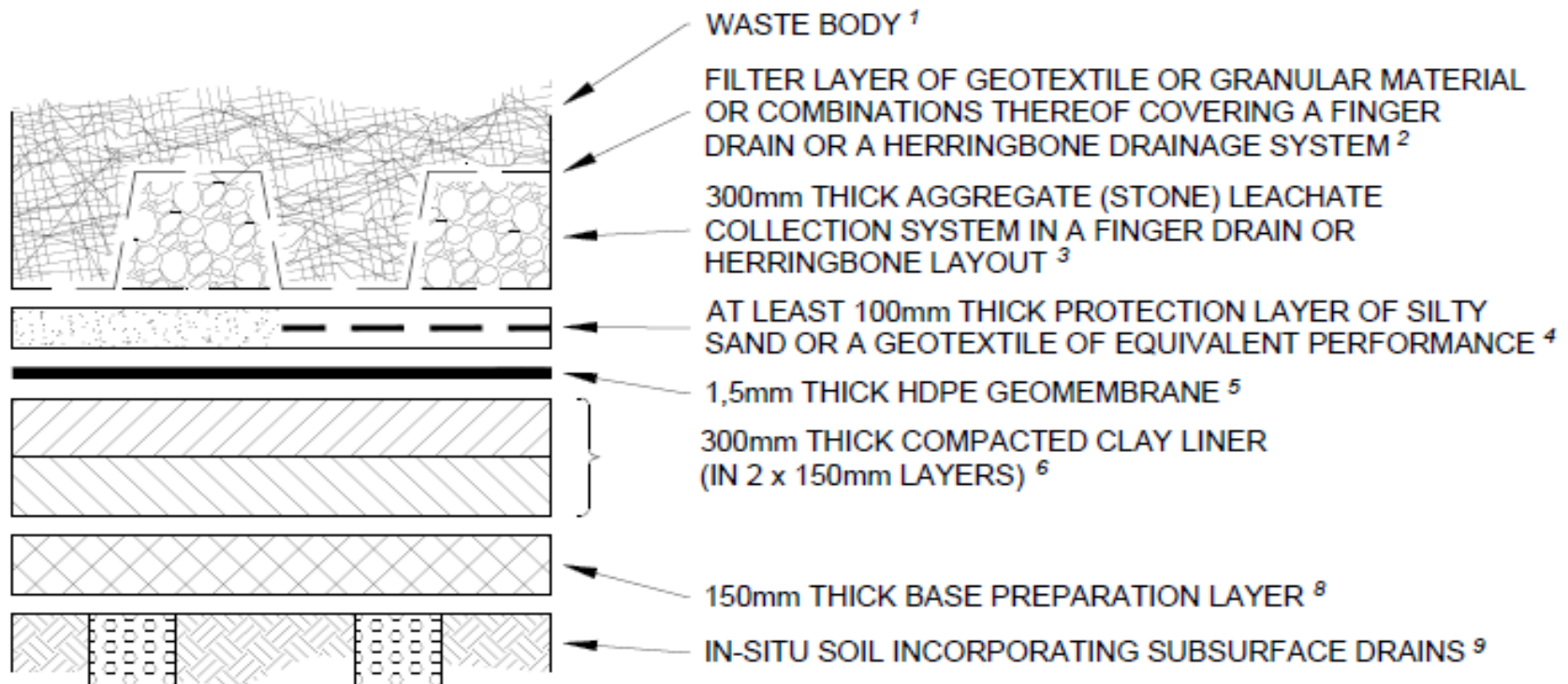
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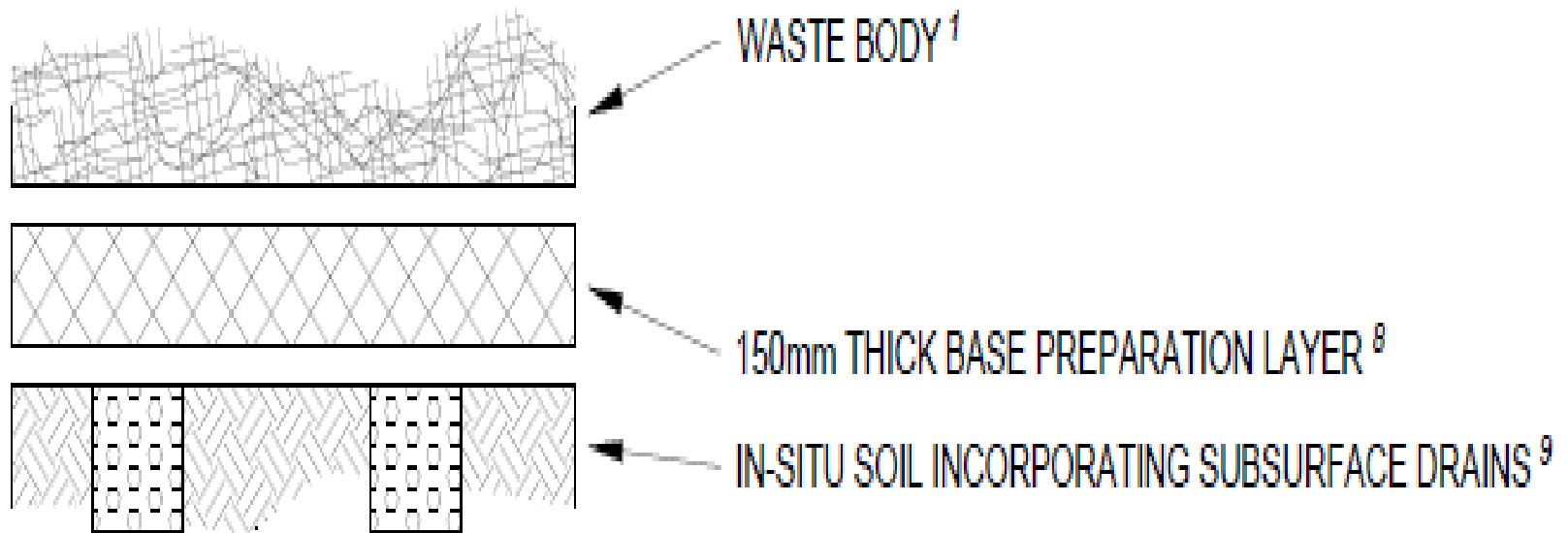
Class C containment barrier

CLASS C BARRIER SYSTEM



Class D containment barrier

CLASS D FOUNDATION



Amendments: NS Disposal of Waste to Landfill

- Prohibitions:
 - CV determination is to be done on a waste “as received”
 - immediate prohibition- Mercury and Mercury containing waste
 - Immediate prohibition- Co-disposal of flue gas desulphurization waste with dry walling waste - Disposal of such waste to a landfill cell ONLY receiving inorganic / mineral wastes and no carbon-based wastes (petrochemical or plant/animal origin) if recycling is not a possible option.
 - Waste with a calorific value of:
 - Greater than 6% TOC – timeframe extended to 25 years
- Includes transitional arrangements for newly introduced prohibitions and restrictions.



THANK YOU!

Ms Ndivhuwo Gereda

Hazardous Waste Management

Department of Forestry, Fisheries and the Environment

Email: NGereda@dfpe.gov.za

Tel: 012 399 9771

Website: <http://www.environment.gov.za>

Address: The Environment House, 473 Steve Biko Road, Arcadia, Pretoria, 0083

Thank You



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