



APPENDIX B 3.10 - SECURE LANDFILLS

TO BE USED WITH APPENDIX B 3.4 RECEIVER

Audit #	Description	Finding			Comments / Items to Fix
		Y	N	N/A	
10-1	Has a permit has been obtained to operate the secure landfill?				
10-2	Do siting requirements match the HWR unless specific exemptions have been authorized in writing? <i>(See wetland areas, seismic activity, water table, soil types, watercourses, distance to community water supply, no excess precipitation (25))</i>				
10-3	Do operational requirements match HWR unless exemptions provided? <i>(Aspects to assess include: liners, drainage, leak detection and leachate collection systems, groundwater monitoring programs, filling of cells, record keeping, and leakage detection (26))</i>				
10-4	Are weekly inspections and post storm or catastrophic event inspections conducted for liners, covers, drainage control, leak detection, leachate collection etc. and reparations are immediately made per Section 26-1?				
10-5	Has an approved groundwater monitoring program been implemented that meets the needs of Sect 26-2 <i>(up and down gradient wells, proper well construction, proper sampling, at least quarterly sampling, leachate monitoring)?</i>				

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10-6	As cells are filled, are rain and snow covers used such that leachate generation is prevented?				
10-7	Are the locations of cells, volumes, depths, contents, and location of HW types recorded and records maintained?				
10-8	Are detected leaks reported immediately and groundwater non-compliance data reported immediately in-house?				
10-9	Does the landfill allow leachate and runoff control at all times and is excess capacity maintained at all times?				
10-10	Schedule 3 wastes are not deposited in the secure landfill? (E.g. liquids, HW with free liquid, ignitable or reactive wastes, containers with liquids, >1% TOC, radioactive, leachable HW, halogenated compounds >1000 ppm conc)				
10-11	A dual liner system has been installed?				
10-12	Has a leachate detection system been installed?				
10-13	There is no significant difference between groundwater quality in upgradient and downgradient monitoring wells?				

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10-14	Is there a system to control draining of water onto cells and draining from cells?				
10-15	Does the effluent discharged to the environment, storm sewer or municipal or industrial effluent treatment works meet the criteria in Schedule 1.2?				
10-16	Are appropriate actions taken (e.g. covering) to prevent wind dispersal of particulate matter?				
10-17	Are closure requirements for the landfill met?				
10-18	Are monitoring, measurement, recording, and reporting conducted in accordance with stipulated approvals/permits/operational plans? (<i>i.e. specific criteria need to be developed based on facility-specific regulatory requirements</i>)				