



*Illinois Environmental
Protection Agency*

**LANDFILL OPERATOR
SOLID WASTE & SPECIAL WASTE
ENDORSEMENT
PRACTICE EXAM**

SOLID WASTE LANDFILL OPERATOR PRACTICE EXAM

1. An amendment to an approved permit issued by the Illinois EPA is considered a "significant modification" when _____. (Part 810 - Section 103 "Definitions")
 - A. it results in a loss of efficiency in the facility operation
 - B. it results in an increase in the costs of disposal
 - C. the modification results in any parameter in the permit having a value lying outside the expected operating range of values as specified in the permit
 - D. all of the above
2. Before directly operating heavy equipment on the leachate collection piping system, _____ feet of waste must be mounded over it. (Section 811.321)
 - A. 10
 - B. 5
 - C. 3
 - D. 1
3. "Disposal" has occurred once _____. (Part 810 - Section 103 "Definitions")
 - A. solid waste has accumulated
 - B. solid waste is not contained to prevent entry into the environment
 - C. solid waste is not confined
 - D. all of the above occurs
4. The leachate must be collected and tested at least _____ while the leachate management system is in operation. (Section 811.206)
 - A. weekly
 - B. monthly
 - C. once every 6 months
 - D. annually
5. All vegetation on the final protective cover must _____. (Section 811.322)
 - A. be tolerant of the landfill gas generated
 - B. be tolerant of the leachate produced
 - C. be tolerant of alternate freezing and thawing
 - D. all of the above

6. If a hauler is suspected of carrying regulated hazardous wastes, the facility must communicate with the party responsible for generating or shipping the waste to the facility to _____. (Section 811.323)
- A. determine the identity of the waste
 - B. get rid of the load immediately from the disposal site
 - C. find an alternative disposal site for the load
 - D. all of the above
7. To be certified by Illinois Environmental Protection Agency, a chief operator must _____; and a landfill operator must _____. (Title 68, Chapter V, Part 870)
- A. pass an exam; pay the fees
 - B. pass an exam(s); pass an exam(s)
 - C. pass an exam(s); have prior conduct certification
 - D. have prior conduct certification; pass the exam(s), and pay the fees
8. The operator must provide financial assurance for closure and post-closure to the Illinois EPA _____. (Section 811.700)
- A. within 30 days of beginning operation of the landfill
 - B. as part of the permit application
 - C. by the expected closure date
 - D. before receipt of the waste
9. _____ prices for items should be used when preparing new closure and post-closure cost estimates. (Section 811.705)
- A. Historical
 - B. Current
 - C. Projected
 - D. Adjusted
10. Landfill operators do not need to revise current cost estimates for closure and post-closure care _____. (Section 811.705)
- A. when the landfill ownership changes
 - B. when facility modifications result in an increase of the cost estimate
 - C. in each new application for permit renewal
 - D. none of the above
11. Landfill operators shall maintain and operate all systems, related devices, and structures to _____. (Section 811.107)
- A. grow profits
 - B. minimize operation costs
 - C. properly operate facilities within compliance
 - D. all of the above

12. Runoff from undisturbed areas which becomes mixed with runoff from disturbed areas _____.
(Section 811.103(a)(4))
- A. is not regulated
 - B. must be treated in a publicly owned treatment works (POTWs)
 - C. must be handled as runoff from disturbed areas
 - D. none of the above
13. A contaminated leachate is _____. (Part 810 - Section 103 "Definitions")
- A. any leachate that releases from the top of a slope
 - B. any leachate whose constituents violate the Public and Food Processing Water Supply Standards
 - C. any liquid below a landfill that has dissimilar constituent characteristics than groundwater background
 - D. all of the above
14. All solid wastes which do not meet the descriptions of inert or chemical wastes shall be considered _____. (Part 810 - Section 103 "Definitions")
- A. commercial wastes
 - B. non-hazardous wastes
 - C. general household wastes
 - D. putrescible wastes
15. An administrative citation carries a civil penalty of _____ for each violation. (415 ILCS 5/42, Section 42)
- A. \$250.00
 - B. \$500.00
 - C. \$1,000.00
 - D. \$2,000.00
16. Coordinating safe landfill operations with local emergency services should be included in the _____. (Title 35 Section 724.150-724.156)
- A. contingency plan
 - B. daily operation plan
 - C. Illinois EPA operating permit
 - D. none of the above
17. The leachate drainage system of a landfill must overlay _____. (Section 811.307)
- A. the entire liner system
 - B. only the bottom part of the landfill liner system
 - C. only the side parts of the landfill liner system
 - D. only those portions of the liner that will collect leachate

18. The Construction Quality Assurance Officer is accountable for the supervision and perform all inspections for _____. (Section 811.503)
- A. installation of the compacted earth liner
 - B. installation of gas control facilities
 - C. installation of a geomembrane
 - D. all of the above
19. Groundwater monitoring wells are to be installed to _____. (Section 811.318(a,b,e))
- A. monitor only previously filled portions of the disposal units
 - B. monitor only that portion of the aquifer which surpasses drinking water standards
 - C. monitor all sources or potential sources of discharges to the groundwater from waste disposal units and the leachate management system
 - D. none of the above
20. The contaminant transport model chosen for the groundwater impact assessment must be reviewed for acceptance by the _____. (Section 811.317(a))
- A. County Health Department
 - B. Illinois Department of Public Health
 - C. U.S. EPA
 - D. Illinois EPA
21. The low permeability layer of the final cover must be constructed no later than _____ days after placement of the final lift of solid waste. (Section 811.314)
- A. 15
 - B. 30
 - C. 60
 - D. 90
22. To demonstrate that a waste pile is not a landfill, the operator must show evidence that within the preceding _____ the waste has been removed for utilization or disposed of elsewhere. (Part 810 - Section 103 "Definitions")
- A. one month
 - B. six months
 - C. twelve months
 - D. twenty-four months
23. _____ is required in the maintenance of intermediate cover. (Section 811.313)
- A. Repair of all cracks, rills, gullies, and depressions to retain solid waste covered
 - B. Maintenance of seals around landfill gas vents and walls
 - C. Maintenance of vegetative growth
 - D. Maintenance of a 5 to 1 slope to thwart run-off

24. A gas management system must be installed when the methane concentration measured beyond the boundary line by an ambient air monitor exceeds _____. (Section 811.311)

- A. detection
- B. 10%
- C. 25%
- D. 50%

25. Asbestos debris from construction-demolition shall be managed in accordance with the _____. (Section 820.303)

- A. Illinois Department of Public Health regulations
- B. National Emission Standards for Hazardous Air Pollutants regulations
- C. Toxic Substance Control Act regulations
- D. Occupational Health and Safety Administration regulations

SPECIAL WASTE ENDORSEMENT PRACTICE EXAM

1. A manifest accompanying each non-hazardous special waste accepted for disposal at a landfill must contain _____. (Section 811.403)

- A. a description of the process from which the waste was generated.
- B. the name of the special waste hauler.
- C. the chemical composition of the waste.
- D. all of the above

2. If regulated hazardous wastes are identified by random load checking or otherwise discovered at a landfill permitted to accept non-hazardous special wastes, the responsibility to assure the cleanup, transportation and disposal of the waste at a permitted hazardous waste management facility belongs to _____. (Section 811.323)

- A. the hauler.
- B. the Illinois EPA.
- C. the solid waste management facility.
- D. the generator.

3. A landfill rejecting loads of special waste must _____. (Section 811.403)

- A. send information on rejected loads to the Illinois EPA in a monthly report.
- B. send information on rejected loads to the Illinois EPA in a quarterly report.
- C. notify the Illinois EPA immediately.
- D. send information on rejected loads to the generator.

4. A landfill must retain at the landfill all special waste documents, including chemical analysis, and certifications _____. (Section 811.405)
- A. until the Illinois EPA completes its closure certification inspection.
 - B. until closure.
 - C. for five years.
 - D. until the end of the post-closure care period.
5. The special waste profile identification sheet that accompanies each special waste disposed at a landfill must certify _____. (Section 811.404)
- A. name of the process generating the waste, and its physical characteristics.
 - B. the generator's SIC code.
 - C. the name of the laboratory that analyzed the waste.
 - D. all of the above

~END OF EXAM~