



**ACTIVE SANITARY LANDFILL INSPECTION CHECKLIST**

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<b>I GENERAL INFORMATION</b>			
DATE OF INSPECTION		DAYS/WEEK OPEN	TIME OF ARRIVAL/DEPARTURE
FACILITY NAME		COUNTY	PERMIT NUMBER
MAILING ADDRESS		CITY	STATE ZIP CODE
LANDFILL REPRESENTATIVE PRESENT		PHONE NUMBER	TEMPERATURE / WEATHER

**II. INSPECTION CHECKLIST - Check all sections S = SATISFACTORY, U = UNSATISFACTORY, or N = NOT EVALUATED.**

**S U N**

**10 CSR 80-2.020 PERMIT ISSUANCE, CONSTRUCTION PERMITS, OPERATING PERMITS, EMERGENCY PERMITS, AND EXEMPTIONS**

- 1.   (1)(F) Site constructed and operated per permit PHASE
- 2.   (2)(B)1 Site received operating permit prior to accepting waste
- 3.    (4)(A) Permit modification approved prior to implementation

**10 CSR 80-2.060 CERTIFIED SOLID WASTE TECHNICIAN**

- 4.   (2)(A) Certified solid waste technician directs or performs site operations  
NAME \_\_\_\_\_

**10 CSR 80-3.010 DESIGN AND OPERATION: SOLID WASTE ACCEPTED**

- 5.    (2)(C)1 Bulky solids crushed on solid ground
- 6.    (2)(C)3 Special waste disposal in accordance with approved plans

**SOLID WASTE EXCLUDED**

- 7.   (3)(B)2C Personnel trained to recognize excluded waste
- 8.   (3)(C)1 Entrance sign listing excluded waste present
- 9.   (3)(C)2 Screening and removal of excluded waste implemented

**SITE SELECTION**

- 10.   (4)(C)1 Site accessible in all weather conditions

**DESIGN**

- 11.   (5)(B)1 Buffer zone maintained per approved plans
- 12.   (5)(C)1 Construction and operation of the site in accordance with approved plans and specifications
- 13.   (5)(C)2 Operating manual available

**SURVEY CONTROL**

- 14.   (7)(C)1 Boundary markers, benchmarks, horizontal control stations and construction stakes placed and clearly marked to ensure that operations proceed in accordance with approved plan

**WATER QUALITY**

- 15.   (8)(B)1F MO Clean Water Law permits and approvals for runoff obtained
- 16.   (8)(C)1 Surface water courses and runoff diverted from working face; grading promotes rapid runoff without excessive erosion
- 17.   (8)(C)2 Contact between water and solid waste minimized

**LEACHATE COLLECTION SYSTEM**

- 18.   (9)(C)1 Leachate collection system properly installed and operated per permit and approved plans
- 19.   (9)(C)2 Leachate not allowed to discharge off-site or into waters of the state, except in accordance with MO Clean Water Law and rules

**LINER SYSTEM**

- 20.    (10)(B)2 Liner protected from desiccation and freeze/thaw per approved design
- 21.    (10)(C)5 Liner constructed per approved design specifications

**GROUNDWATER MONITORING**

- 22.   (11)(B)4 All groundwater monitoring wells constructed, identified and secured per 10 CSR 23-4

**AIR QUALITY**

- 23.   (13)(C) Burning of solid waste prohibited except with permit

**GAS CONTROL**

- 24.   (14)(C)1 Decomposition gases not allowed to migrate laterally from landfill
- 25.   (14)(C)2A Methane not allowed to concentrate in buildings on-site above 25% LEL (1.25% by volume)

**S U N**

**10 CSR 80-3.010** continued

- 26.   (14)(C)2B Methane not allowed to concentrate in the soil at the property boundary above 50% LEL (2.5% by volume)
- 27.   (14)(C)4 Methane monitoring program implemented
- 28.   (15)(C) **VECTORS**  
Vectors controlled
- 28.   (16)(C)1 **AESTHETICS**  
Litter controlled
- 29.   (16)(C)2 Solid waste easily blown, covered to prevent litter
- 30.   (16)(C)3 On-site vegetation cleared only as necessary
- 31.   (16)(C)4 Salvaged materials removed daily or stored in aesthetically acceptable manner
- 32.    (17)(B)3 **COVER**  
Final slopes not to exceed 25% without approval
- 33.   (17)(C)1 Adequate daily cover applied (6 inches soil or approved ADC)
- 34.    (17)(C)2 Adequate intermediate cover applied (1 foot soil)
- 35.   (17)(C)3 Intermediate and active slopes not to exceed 33 $\alpha$ %
- 36.    (17)(C)4A Adequate final cover applied- areas without liners
- 37.    (17)(C)4B Adequate final cover applied- areas with liners
- 38.    (17)(C)8 Vegetation established within 180 days of application of intermediate or final cover
- 39.    (17)(C)9 Regrading and recovering performed as necessary
- 40.    (17)(C)10 Borrow areas reclaimed per approved plans
- 41.   (18)(C)1 **COMPACTION**  
Adequate waste handling equipment available and operated as necessary
- 42.   (18)(C)1A Waste compacted in layers no more than 2 feet and confined to smallest area practicable
- 43.   (18)(C)1B Waste compacted to smallest practicable volume
- 44.   (18)(C)1C Cover compacted as much as practicable
- 45.    (18)(C)2 Preventive maintenance performed on equipment
- 46.   (19)(C)1 **SAFETY**  
Fire extinguishers provided on all waste handling equipment
- 47.   (19)(C)2 Any fires at site or in delivered waste extinguished
- 48.   (19)(C)3 Communications equipment available for emergencies
- 49.   (19)(C)4 Scavenging prohibited
- 50.   (19)(C)5 Site access controlled by established roadways and limited to hours of operation
- 51.   (19)(C)6 Traffic signs and markers provided to direct traffic to working face
- 52.   (19)(C)7 Dust control provisions utilized
- 53.   (20)(C)1 **RECORDS**  
Records maintained at the landfill office
- 54.   (20)(C)1A Major operational problems, complaints or difficulties
- 55.   (20)(C)1B Gas monitoring records: Qtr.
- 56.   (20)(C)1C Site selection records
- 57.   (20)(C)1C Groundwater monitoring records: Qtr.
- 58.   (20)(C)1D Vector control records
- 59.   (20)(C)1E Dust and litter control records
- 60.   (20)(C)1F Quantity of waste handled and remaining airspace records
- 61.   (20)(C)1G Description, source, and volume of special wastes received
- 62.   (20)(C)1I Closure/post closure plans
- 63.   (20)(C)1J FAI Documentation; month/year approved
- 64.   (20)(C)1K Solid Waste Technician Certification records
- 65.   (20)(C)1K Solid waste screening training and inspection records
- 66.   (20)(C)1L Tonnage fee records
- 67.    (20)(C)1M Corrective actions records

**III. REMARKS** - All blocks marked U (unsatisfactory) or N (not evaluated) require a written explanation.

LANDFILL REPRESENTATIVE SIGNATURE	TITLE
SIGNATURE OF INSPECTOR	OFFICE