



ACTIVE SANITARY LANDFILL INSPECTION CHECKLIST

I. GENERAL INFORMATION					
DATE OF INSPECTION date.	DAYS AND HOURS OPEN Days/hours.	TIME OF ARRIVAL/DEPARTURE Arrival/Departure	COUNTY county	PERMIT NUMBER Permit	
PERMITTED FACILITY NAME/DBA Name/address					
MAILING ADDRESS Mailing address.		CITY City	STATE state	ZIP CODE zip	
LANDFILL REPRESENTATIVE PRESENT Name		PHONE NUMBER WITH AREA CODE Phone Number	TEMPERATURE/WEATHER Temp/weather		
II. INSPECTION CHECKLIST—Check all Sections-S=Satisfactory-U=Unsatisfactory-N=Not Applicable/Inspected/Observed					
	S	U	N	10 CSR 80-2.020	PERMIT ISSUANCE, CONSTRUCTION PERMITS, OPERATING PERMITS, EMERGENCY PERMITS AND EXEMPTIONS
1.	<input type="checkbox"/>	<input type="checkbox"/>		(1)(F)	For areas observed; site constructed and operated per permit Active Cells No# Phase No.#
2.	<input type="checkbox"/>	<input type="checkbox"/>		(2)(B)1	Site received operating permit prior to accepting waste
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(4)(A)	Permit modification approved prior to implementation
				10 CSR 80-2.060	CERTIFIED SOLID WASTE TECHNICIAN
4.	<input type="checkbox"/>	<input type="checkbox"/>		(2)(A)	Certified solid waste technician directs or performs operations name: name
				10 CSR 80-3.010	DESIGN AND OPERATION:
SOLID WASTE ACCEPTED					
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(2)(C)1	Bulky solids crushed on solid ground prior to incorporation into the working face
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(2)(C)3	Special waste disposal as approved in permit and in accordance with approved plans
SOLID WASTE EXCLUDED					
7.	<input type="checkbox"/>	<input type="checkbox"/>		(3)(B)2C	Personnel trained to recognize excluded waste
8.	<input type="checkbox"/>	<input type="checkbox"/>		(3)(C)1	Sign listing excluded wastes is prominently displayed near entrance
9.	<input type="checkbox"/>	<input type="checkbox"/>		(3)(C)2	Screening of excluded wastes implemented and wastes removed per the approved plan
SITE SELECTION					
10.	<input type="checkbox"/>	<input type="checkbox"/>		(4)(C)1	All-weather roads allow access to the landfill at all times
DESIGN					
11.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(5)(B)1	100' buffer maintained between the outer edge of the landfill liner and the property boundary
12.	<input type="checkbox"/>	<input type="checkbox"/>		(5)(C)1	For areas observed, construction/operation conducted per approved plans and specs
13.	<input type="checkbox"/>	<input type="checkbox"/>		(5)(C)2	Operating manual available to employees for reference and upon department request
SURVEY CONTROL					
14.	<input type="checkbox"/>	<input type="checkbox"/>		(7)(C)	Boundary markers, benchmarks, horizontal control stations and construction stakes observed were clearly marked and identified, and replaced or reestablished as necessary to ensure the operations proceed in accordance with approved plans
WATER QUALITY					
15.	<input type="checkbox"/>	<input type="checkbox"/>		(8)(B)1F	MO Clean Water Law permits and approvals for runoff obtained
16.	<input type="checkbox"/>	<input type="checkbox"/>		(8)(C)1	Surface water courses and runoff diverted from working face by ditches, berms, and proper grading
17.	<input type="checkbox"/>	<input type="checkbox"/>		(8)(C)1	Grading promotes rapid runoff without excessive erosion and re-grading done to avoid ponding of precipitation and to maintain cover integrity
18.	<input type="checkbox"/>	<input type="checkbox"/>		(8)(C)2	Contact between water and solid waste minimized by daily operational practices and water that contacts waste managed as leachate
LEACHATE COLLECTION SYSTEM					
19.	<input type="checkbox"/>	<input type="checkbox"/>		(9)(C)1	In portions observed, system operated per the permit and approved design and plans
20.	<input type="checkbox"/>	<input type="checkbox"/>		(9)(C)2	Leachate not allowed to discharge off-site or into waters of the state

	S	U	N	10 CSR 80-3.010	DESIGN AND OPERATION:
LINER SYSTEM					
21.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(10)(B)2	Liner protected from desiccation and freeze/thaw per approved design
22.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(10)(C)5	Liner constructed per approved design specifications
GROUNDWATER MONITORING					
23.	<input type="checkbox"/>	<input type="checkbox"/>		(11)(C)1 D	Monitoring wells and piezometers installed, developed, protected, maintained, identified and decommissioned in accordance with 10 CSR 23-4. Wells inspected: wells
AIR QUALITY					
24.	<input type="checkbox"/>	<input type="checkbox"/>		(13)(C)	No burning of regulated solid waste
25.	<input type="checkbox"/>	<input type="checkbox"/>		(13)(C)	No burning of wood waste on-site without prior department approval
GAS CONTROL					
26.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(14)(C)1	Decomposition gases not allowed to migrate laterally from the landfill
27.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(14)(C)2 A	Methane not allowed to concentrate in buildings on-site above 25% LEL (1.25% by volume)
28.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(14)(C)2 B	Methane not allowed to concentrate in soil at the property boundary above 50% LEL (2.5% by volume)
VECTORS					
29.	<input type="checkbox"/>	<input type="checkbox"/>		(15)(C)	Vectors controlled and control program implemented when necessary
AESTHETICS					
30.	<input type="checkbox"/>	<input type="checkbox"/>		(16)(C)1	Litter controlled and fences or other devices used in appropriate areas to control blowing litter
31.	<input type="checkbox"/>	<input type="checkbox"/>		(16)(C)1	Litter incorporated into the landfill daily or containerized for disposal by the next operating day
32.	<input type="checkbox"/>	<input type="checkbox"/>		(16)(C)2	Wastes easily blown are covered to prevent becoming airborne and scattered
33.	<input type="checkbox"/>	<input type="checkbox"/>		(16)(C)3	On-site vegetation cleared only as necessary to maintain natural windbreak and approve appearance/operation
34.	<input type="checkbox"/>	<input type="checkbox"/>		(16)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable manner
COVER					
35.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)1	Daily cover accessible and at least six inches of compacted cover applied by the end of each operating day
36.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)1	Alternate daily cover approved, implemented as approved, controlling vectors, fires, odors, blowing litter and scavenging, and not presenting a threat to human health and the environment
37.	<input type="checkbox"/>	<input type="checkbox"/>		(17)(C)2	Cover increased to at least 12 inches of compacted cover on areas which are idle for more than 60 days
38.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)3	No active, intermediate, or final slopes exceed 33 $\frac{1}{3}$ % (Note observation method in comments)
39.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)4 A	Final cover applied – areas without liner
40.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)4 B	Final cover applied – areas with liner
41.	<input type="checkbox"/>	<input type="checkbox"/>		(17)(C)7	Surface grades and side slopes maintained to promote runoff without excessive erosion
42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)8	Vegetation established within 180 days of application of approved cover
43.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)8	Vegetation shall be established and maintained to minimize erosion and surface water infiltration
44.	<input type="checkbox"/>	<input type="checkbox"/>		(17)(C)9	Re-grading and recovering performed as necessary to maintain cover slope and integrity
45.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)10	Borrow(s) area reclaimed per approved plans
COMPACTION					
46.	<input type="checkbox"/>	<input type="checkbox"/>		(18)(C)1	Adequate waste handling equipment available and operated as necessary
47.	<input type="checkbox"/>	<input type="checkbox"/>		(18)(C)1A	Waste spread and compacted in layers no greater than two feet thick and confined to smallest practicable area

	S	U	N	10 CSR 80-3.010	DESIGN AND OPERATION:
COMPACTION (Continued)					
48.	<input type="checkbox"/>	<input type="checkbox"/>		(18)(C)1B	Waste compacted to smallest practicable volume
49.	<input type="checkbox"/>	<input type="checkbox"/>		(18)(C)1C	Cover placed, spread and compacted as much as practicable
50.	<input type="checkbox"/>	<input type="checkbox"/>		(18)(C)3	Solid waste not disposed in water where water prohibits proper spreading and compaction or where a mosquito breeding problem would be created
SAFETY					
51.	<input type="checkbox"/>	<input type="checkbox"/>		(19)(A)	For areas observed, landfill is constructed and operated in a manner to protect the health and safety of personnel and others associated with and affected by the operation
52.	<input type="checkbox"/>	<input type="checkbox"/>		(19)(C)1	Fire extinguishers provided on all waste handling equipment
53.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(19)(C)2	Any fires at site or in delivered waste extinguished immediately upon discovery
54.	<input type="checkbox"/>	<input type="checkbox"/>		(19)(C)3	Communications equipment available for emergencies
55.	<input type="checkbox"/>	<input type="checkbox"/>		(19)(C)4	Scavenging prohibited
56.	<input type="checkbox"/>	<input type="checkbox"/>		(19)(C)5	Site access controlled by established roadways only and only when operating personnel are present
57.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(19)(C)5	Customer drop-off areas maintained and litter free
58.	<input type="checkbox"/>	<input type="checkbox"/>		(19)(C)6	Traffic signs and markers provided to direct traffic to working face or maintain efficient operations
59.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(19)(C)7	Dust control provisions utilized for safety purposes and to prevent a nuisance to the surrounding area
RECORDS					
60.	<input type="checkbox"/>	<input type="checkbox"/>		(20)(C)1	Last five years of records maintained at the landfill office or as alternately approved
61.	<input type="checkbox"/>	<input type="checkbox"/>		(20)(C)1A	Major operational problems, complaints or difficulties
62.	<input type="checkbox"/>	<input type="checkbox"/>		(20)(C)1B	Gas monitoring records Qtr: <i>Quarter</i>
63.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1C	Groundwater monitoring records Qtr: <i>Quarter</i>
64.	<input type="checkbox"/>	<input type="checkbox"/>		(20)(C)1D &E	Vector, dust and litter control records
65.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1F	Quantity of waste handled and copies of submitted biennial air space estimates maintained on-site
66.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1G	Description, source and volume of special wastes received
67.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1H	Approved design documentation/records of leachate or gas condensate recirculation
68.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1I	Approved closure/post-closure plan
69.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1J	FAI documentation, month/year approved: <i>Quarter</i>
70.	<input type="checkbox"/>	<input type="checkbox"/>		(20)(C)1K	Solid Waste Technician Certification records
71.	<input type="checkbox"/>	<input type="checkbox"/>		(20)(C)1K	Solid waste screening training and inspection records
72.	<input type="checkbox"/>	<input type="checkbox"/>		(20)(C)1L	Tonnage Fee Reports submitted as required
III. REMARKS – All U (Unsatisfactory) or N (Not Applicable/Inspected/Observed) require a written explanation.					
Click here to enter text.					
SIGNATURE OF INSPECTOR				DATE	
				Date	

Photograph Addendum

	<p>Photograph: #1 Date Taken: date By: Photographer Description: Description</p>
	<p>Photograph: #2 Date Taken: date By: Photographer Description: Photographer</p>

		<p>Photograph: #3 Date Taken: date By: Photographer Description: Photographer</p>
		<p>Photograph: #4 Date Taken: date By: Photographer Description: Photographer</p>
		<p>Photograph: #5 Date Taken: date By: Photographer Description: Photographer</p>

		Photograph: #6 Date Taken: date By: Photographer Description: Photographer