



ACTIVE DEMOLITION LANDFILL INSPECTION CHECKLIST

I. GENERAL INFORMATION				
DATE OF INSPECTION	DAYS AND HOURS OPEN	TIME ARRIVAL/DEPARTURE	COUNTY	PERMIT NUMBER
FACILITY NAME/ADDRESS				
MAILING ADDRESS			CITY	STATE MO
LANDFILL REPRESENTATIVE PRESENT		PHONE NUMBER WITH AREA CODE	TEMPERATURE/WEATHER	
II. INSPECTION CHECKLIST: Check All Sections – C = Compliant, V = Violation or NA = Not Applicable/Evaluated/Observed				
10 CSR 80-2.020 PERMIT ISSUANCE, CONSTRUCTION PERMITS, OPERATING PERMITS, EMERGENCY PERMITS AND EXEMPTIONS				
	C	V	NA	
1.	<input type="checkbox"/>	<input type="checkbox"/>	(1)(F)	For areas observed, site constructed and operated per permit. PHASE: CELL:
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				
	C	V	NA	
4.	<input type="checkbox"/>	<input type="checkbox"/>	(2)(A)	Certified solid waste technician directs or performs site operations. NAME:
10 CSR 80-4.010 DESIGN AND OPERATION				
SOLID WASTE ACCEPTED				
	C	V	NA	
5.	<input type="checkbox"/>	<input type="checkbox"/>	(2)(C)1	Sign listing accepted wastes prominently displayed at site entrance.
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(2)(C)2 Bulky waste excluded from the first layer above composite liner.
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	Disposal of approved wastes conducted in accordance with approved design and operating plans.
9.	<input type="checkbox"/>	<input type="checkbox"/>	(3)(C)2	Screening of excluded wastes implemented and 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"/>	(5)(B)1	At least 100 foot 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 as approved.
13.	<input type="checkbox"/>	<input type="checkbox"/>	(5)(C)2	Operating manual shall be 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 shall be clearly marked and identified, and replaced or reestablished as necessary to ensure the operations proceed in accordance with approved plans.
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 the working face by ditches, berms and proper grading.

10 CSR 80-4.010 DESIGN AND OPERATION (cont.)				
WATER QUALITY				
C	V	NA		
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 The quantity of water coming in contact with solid waste shall be 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 permit and the approved design and plans.	
20.	<input type="checkbox"/>	<input type="checkbox"/>	(9)(C)2 Leachate controlled on-site and not allowed to discharge off-site or into waters of the state.	
LINER SYSTEM				
21.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(10)(B)1 Liner protected from desiccation and freeze/thaw.
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)1D Monitoring wells and piezometers installed, developed, protected, maintained, identified and decommissioned in accordance with 10 CSR 23-4. Wells inspected:	
AIR QUALITY				
24.	<input type="checkbox"/>	<input type="checkbox"/>	(13)(C) No burning of regulated 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)2A 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)2B Methane not allowed to concentrate in soil at 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 incorporated into the landfill daily or containerized for disposal by the next operating day.	
31.	<input type="checkbox"/>	<input type="checkbox"/>	(16)(C)1 Litter controlled and fences or other devices used in appropriate areas to control blowing litter.	
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 wind breaks and improve appearance and operation.	
34.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(16)(C)4 Salvaged material removed daily or stored in acceptable containers or enclosures.
COVER				
35.	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)1 No less than 12 inches of compacted cover applied at least once every seven days.	
36.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)1 No active, intermediate or final slopes exceed 33⅓%. (Note observation method in comments)
37.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)2 As each phase is completed, final cover is applied.
38.	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)5 Surface grades and side slopes maintained to promote runoff without excessive erosion.	
39.	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)6 Vegetation shall be established within 180 days of final cover application.	
40.	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)6 Vegetation shall be established and maintained to minimize erosion and surface water infiltration.	

10 CSR 80-4.010 DESIGN AND OPERATION (cont.)			
COVER			
C	V	NA	
41.	<input type="checkbox"/>	<input type="checkbox"/>	(17)(C)7 Re-grading and recovering performed as necessary to maintain cover slope and integrity.
42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> (17)(C)8 Borrow areas reclaimed per approved plans.
COMPACTION			
C	V	NA	
43.	<input type="checkbox"/>	<input type="checkbox"/>	(18)(C)1 Adequate waste handling equipment available and operated as necessary.
44.	<input type="checkbox"/>	<input type="checkbox"/>	(18)(C)1A&B Waste spread and compacted in layers no greater than two feet thick and confined to smallest area and volume practicable.
45.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> (18)(C)1C Cover placed and spread over waste then compacted.
46.	<input type="checkbox"/>	<input type="checkbox"/>	(18)(C)2 Waste spread and compacted as received or before the accumulated waste reaches 200 cubic yards. At a minimum, the waste is spread, compacted and covered within seven days of receipt.
47.	<input type="checkbox"/>	<input type="checkbox"/>	(18)(C)4 Waste not disposed of in water.
SAFETY			
C	V	NA	
48.	<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.
49.	<input type="checkbox"/>	<input type="checkbox"/>	(19)(C)1 Fire extinguishers provided on all waste handling equipment.
50.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> (19)(C)2 Any fires at site or in delivered waste extinguished immediately upon discovery.
51.	<input type="checkbox"/>	<input type="checkbox"/>	(19)(C)3 Communications equipment available for emergencies.
52.	<input type="checkbox"/>	<input type="checkbox"/>	(19)(C)4 Scavenging prohibited.
53.	<input type="checkbox"/>	<input type="checkbox"/>	(19)(C)5 Site access controlled by established roadways only; and only when operating personnel are present.
54.	<input type="checkbox"/>	<input type="checkbox"/>	(19)(C)6 Traffic signs and markers provided to direct traffic to working face.
55.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> (19)(C)6 Customer drop-off areas maintained and litter free.
56.	<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			
57.	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1 Last five years of records maintained at the landfill office or as alternately approved.
58.	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1A Major operational problems, complaints or difficulties.
59.	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1B Gas monitoring records: QTR.
60.	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1C Groundwater monitoring records: QTR.
61.	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1D&E Vector, dust and litter control records.
62.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> (20)(C)1F Waste handled and copies of submitted biennial air space estimates maintained on-site.
63.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> (20)(C)1G Approved design documentation/records of leachate or gas condensate recirculation.
64.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> (20)(C)1H Most recently approved closure/post closure plans.
65.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> (20)(C)1I FAI documentation, month/year approved:
66.	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1J Solid Waste Technician Certification records.

10 CSR 80-4.010 DESIGN AND OPERATION (cont.)

RECORDS

C V NA

67.	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1J	Solid waste screening, training and inspection records.
68.	<input type="checkbox"/>	<input type="checkbox"/>	(20)(C)1K	Tonnage Fee Reports submitted as required.

III. REMARKS – All V (Violation) or NA (Not Applicable/Evaluated/Observed) require a written explanation.

SIGNATURE OF INSPECTOR 	DATE
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