

Test Facility (116832)  
Municipal Solid Waste Landfill Requirements

<b>GENERAL FACILITY INFORMATION</b>	<b>Answer</b>	<b>Violation</b>
1. List the date of the Facility Operating Plan (FOP) currently in use at the facility.		
2. List the cell(s) in active use the day of the inspection. If the facility is operating more than 1 active face at the time of the inspection and the activity is not described in the approved FOP, please ask the facility to notify their engineer and you should send an e-mail to the KDHE permit engineer for a potential FOP modification.		
3. Are vector controls currently being used at the facility? If no, cite a comment or violation. <b>K.A.R. 28-29-108(d)</b>		
3a. If yes, mark all that apply		
4. Is liquid waste (bulk or containerized) prohibited from the working face (as applicable)? <b>K.A.R. 28-29-108(k)</b>		
5. If CFC containing appliances are accepted at the facility, describe how the CFCs are managed. If CFC management appears to be a problem, a referral should be made to EPA (913) 551-7601		
6. Is scavenging prohibited at the site? <b>K.A.R. 28-29-108(p)(4)</b>		
7. Are salvaging operations being conducted as described in the facility's FOP? (if not conducted, mark NA) <b>K.A.R. 28-29-108(p)(1)</b>		
8. Does the facility conduct open burning only after being issued an open burning exemption by KDHE (list number in the comments). <b>K.S.A. 65-3409(a)(4)</b>		
9. If the facility has any areas that have undergone final closure, and if there are there any problems with the cap (ponding, settling, erosion, etc.), describe those problems.		
10. If the facility has special permit conditions, are they being met? <b>K.S.A. 65-3409(a)(3)</b>		
10a. If not, explain.		
<b>BOUNDARY CONTROL</b>	<b>Answer</b>	<b>Violation</b>
11. Is access restricted to prevent unauthorized entry at all times? <b>K.A.R. 28-29-108(i)(1)</b>		

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<b>BOUNDARY CONTROL</b>	<b>Answer</b>	<b>Violation</b>
12. Is a permanent sign posted at the entrance? If yes, does it contain the following? <b>K.A.R. 28-29-108(i)(2)</b>		
12a. disposal of hazardous waste is prohibited <b>K.A.R. 28-29-108(i)(2)</b>		
12b. special wastes must have disposal authorization from KDHE <b>K.A.R. 28-29-108(i)(2)</b>		
12c. solid waste disposal area permit number <b>K.A.R. 28-29-108(i)(2)(A)</b>		
12d. hours of operation <b>K.A.R. 28-29-108(i)(2)(B)</b>		
12e. the penalty for unauthorized trespassing and dumping <b>K.A.R. 28-29-108(i)(2)(C)</b>		
12f. name address and phone number of company operating the facility <b>K.A.R. 28-29-108(i)(2)(E)</b>		
12g. name and phone number of a 24 hour emergency contact (if different than owner or operator) <b>K.A.R. 28-29-108(i)(2)(D)</b>		
<b>WASTE INSPECTION</b>	<b>Answer</b>	<b>Violation</b>
13. Is the approved plan for detecting and preventing the disposal of PCB's and regulated hazardous waste, including random inspections, records of inspections and a personnel training program being implemented? <b>K.A.R. 28-29-108(a)</b>		
13a. List the frequency of inspections and the dates of records reviewed.		
14. If hazardous waste or PCB waste was discovered, was KDHE notified? <b>K.A.R. 28-29-108(a)(4)</b>		
<b>DAILY COVER</b>	<b>Answer</b>	<b>Violation</b>
15. Is a uniform layer of at least six inches of daily cover, or an approved alternate daily cover (ADC) placed on all exposed waste by the end of each working day? <b>K.A.R. 28-29-108(b)</b>		
16. Does the facility use ADC?		

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<b>DAILY COVER</b>	<b>Answer</b>	<b>Violation</b>
16a. If yes, describe method(s) of ADC used.		
16b. Does this alternative method achieve equivalent performance? <b>K.A.R. 28-29-108(b)(2)</b>		
16c. Is daily cover used as specified in the current FOP? <b>K.A.R. 28-29-108(b)(3)</b>		
<b>INTERMEDIATE COVER</b>	<b>Answer</b>	<b>Violation</b>
17. Is one foot of intermediate cover placed on all areas which have been inactive over 60 days? <b>K.A.R. 28-29-108(c)(1)</b>		
18. Is the intermediate cover graded to facilitate run off drainage? <b>K.A.R. 28-29-108(c)(2)</b>		
19. Is the intermediate cover seeded in areas where no waste has been received for an entire growing season? <b>K.A.R. 28-29-108(c)(1)</b>		
20. Is the grade and thickness of the intermediate cover properly maintained to minimize erosion and/or ponding until additional waste or final cover is placed? <b>K.A.R. 28-29-108(c)(3)</b>		
<b>GAS MONITORING</b>	<b>Answer</b>	<b>Violation</b>
21. Has a gas monitoring program been established and adequately implemented? <b>K.A.R. 28-29-108(e)(1)</b>		
21a. If yes, list the dates of records reviewed and describe the frequency of monitoring.		
22. Has the facility measured concentrations of methane gas which exceed 25% (1.25% by volume) of the lower explosive limit in facility structures (K.A.R. 28-29-108 (e)(2)(A)) and/or the concentration of methane gas exceeds the lower explosive limit (5% by volume) at the facility property boundary (K.A.R. 28-29-108(e)(2)(B))?		
22b. If yes, describe the situation.		
22b. was KDHE notified within 7 days? <b>K.A.R. 28-29-108(e)(4)(B)</b>		
22c. was a remediation plan submitted to KDHE within 60 days of detection? <b>K.A.R. 28-29-108(e)(4)(C)</b>		

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<b>GAS MANAGEMENT STANDARDS</b>	<b>Answer</b>	<b>Violation</b>
23. If required, does the facility have a gas collection system and is the system operating properly? <b>K.A.R. 28-29-108(f)</b>		
23a. If yes, describe the system (i.e. number of gas wells, active or passive) if not described in previous reports.		
24. Is gas condensate drained into the leachate collection system or by an approved alternate method? <b>K.A.R. 28-29-108(f)(2)(H)</b>		
24a. If alternate method is used, please describe.		
<b>SURFACE WATER DRAINAGE</b>	<b>Answer</b>	<b>Violation</b>
25. Are run-on controls in place to prevent flow onto the active portion of the MSWLF, i.e. the working face or areas with only daily cover? <b>K.A.R. 28-29-108(j)(1)(A)</b>		
26. Are run-off controls in place to collect and control the water volume from the active (working face and daily cover) area? <b>K.A.R. 28-29-108(j)(1)(B)</b>		
27. Are disturbed area run-on and run-off controls in place? <b>K.A.R. 28-29-108(j)(3)</b>		
28. Are all surface water control structures operated properly? <b>K.A.R. 28-29-108(j)(2)</b>		
28a. If no explain.		
29. Is run-off from undisturbed areas which is commingled with run-off from disturbed areas handled as if it were entirely run-off from disturbed areas? <b>K.A.R. 28-29-108(j)(3)(C)</b>		
<b>COMPACTION</b>	<b>Answer</b>	<b>Violation</b>
30. Are wastes deposited in the smallest practical area at the active face? <b>K.A.R. 28-29-108(m)(1)</b>		
31. Are wastes deposited at the lowest part of the working face, when site conditions allow? <b>K.A.R. 28-29-108(m)(1)</b>		
32. Are all wastes compacted to the highest practical density necessary to minimize void space and settlement? <b>K.A.R. 28-29-108(m)(2)</b>		

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<b>COMPACTION</b>	<b>Answer</b>	<b>Violation</b>
<b>PHASING OF OPERATIONS</b>		
<b>Answer</b> <b>Violation</b>		
33. Is the waste placed so that mass stability is provided during all phases of operation? <b>K.A.R. 28-29-108(n)(1)</b>		
34. Is the waste placement sequenced in each discrete unit or parts of units so as to allow the wastes to be built up to each unit's planned final grade as quickly as possible? <b>K.A.R. 28-29-108(n)(3)</b>		
<b>SIZE AND SLOPE OF WORKING FACE</b>		
<b>Answer</b> <b>Violation</b>		
35. Is the working face no larger than is necessary to conduct operations in a safe and efficient manner? <b>K.A.R. 28-29-108(o)(1)</b>		
36. Are the slopes of the working face area no steeper than 2:1 (horizontal:vertical) unless the waste is stable at steeper slopes? <b>K.A.R. 28-29-108(o)(2)</b>		
<b>RECORD KEEPING</b>		
<b>Answer</b> <b>Violation</b>		
37. Does the owner/operator record and retain an operating record which retains the following documents for five years? <b>K.A.R. 28-29-108(q)(1)</b>		
37a. If not maintained on-site, list the location.		
37b. location restriction demonstrations? <b>K.A.R. 28-29-108(q)(1)(A)</b>		
37c. waste inspection records, training procedures, and prohibited waste notification procedures? <b>K.A.R. 28-29-108(q)(1)(B)</b>		
37d. gas monitoring results and any gas remediation plans? <b>K.A.R. 28-29-108(q)(1)(C)</b>		
37e. approval for placement of leachate or gas condensate? <b>K.A.R. 28-29-108(q)(1)(D)</b>		
37f. groundwater monitoring demonstrations, certifications, findings, monitoring, testing or analytical data? <b>K.A.R. 28-29-108(q)(1)(E)</b>		

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<b>RECORD KEEPING</b>	<b>Answer</b>	<b>Violation</b>
37g. closure and post closure care plans and any monitoring, testing, or analytical data? <b>K.A.R. 28-29-108(q)(1)(F)</b>		
37h. closure and post closure cost estimates and financial assurance documentation? <b>K.A.R. 28-29-108(q)(1)(G)</b>		
37i. demonstrations that the liner meets applicable standards? <b>K.A.R. 28-29-108(q)(1)(I)</b>		
37j. a copy of the current facility permit including all approved plans and specifications? <b>K.A.R. 28-29-108(q)(1)(J)</b>		
<b>OTHER OPERATING STANDARDS</b>	<b>Answer</b>	<b>Violation</b>
38. Are two-way communications available at the facility? <b>K.A.R. 28-29-23(h)</b>		
38a. Check all that apply:		
39. Is adequate equipment available for use at the facility during all hours of operation? <b>K.A.R. 28-29-108(r)(1)</b>		
40. Are utilities necessary for operation in compliance with regulations available at the facility at all times? <b>K.A.R. 28-29-108(r)(2)</b>		
41. Does the owner/operator maintain and operate all systems and related appurtenances and structures in a manner that facilitates proper operations? <b>K.A.R. 28-29-108(r)(3)</b>		
42. Is a dust control program implemented? <b>K.A.R. 28-29-108(r)(4)</b>		
42a. If yes, describe methods used to control dust.		
42b. Are dust control methods effective? If not explain in comments. <b>K.A.R. 28-29-108(r)(4)</b>		
43. Is the facility constructed and maintained to minimize the level of equipment noise audible outside the facility? <b>K.A.R. 28-29-108(r)(5)</b>		

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<b>OTHER OPERATING STANDARDS</b>	<b>Answer</b>	<b>Violation</b>
44. Have arrangements for fire protection services been made when a fire protection district or other public fire protection service is available? <b>K.A.R. 28-29-108(r)(6)</b>		
45. If public fire protection service is not available, have alternate fire protection measures been provided? <b>K.A.R. 28-29-108(r)(6)</b>		
45a. Describe.		
46. Does the owner/operator patrol the facility to check for litter accumulation and take all necessary steps to minimize blowing litter such as the use of screens? <b>K.A.R. 28-29-108(r)(7)</b>		
47. Is all litter collected and placed in the fill or in a secure, covered container for later disposal? <b>K.A.R. 28-29-108(r)(7)</b>		
48. Has the owner/operator implemented a plan for litter control for all vehicles on the permitted facility site? <b>K.A.R. 28-29-108(r)(8)</b>		
49. Is an operational safety program (as defined in their permit) provided for employees? <b>K.A.R. 28-29-108(r)(9)</b>		
50. Are MSWLF access roads of all weather construction and negotiable at all times by trucks and other vehicles? <b>K.A.R. 28-29-108(r)(10)</b>		
51. Is access limited to hours when an attendant or operating personnel are at the site? <b>K.A.R. 28-29-108(r)(11)</b>		
52. Does the owner/operator maintain a log of commercial or industrial solid waste received including sludges, barreled wastes, and special wastes? <b>K.A.R. 28-29-108(r)(12)</b>		
52a. If YES, does the log indicate the source and quantity of waste and the disposal location? <b>K.A.R. 28-29-108(r)(12)(A)</b>		
52b. Is the area of disposal of these wastes and other large quantities of bulk wastes clearly shown on a site map and referenced to the boundaries of the tract or other permanent markings? <b>K.A.R. 28-29-108(r)(12)(B)</b>		

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<b>OTHER OPERATING STANDARDS</b>	<b>Answer</b>	<b>Violation</b>
53. Has KDHE been notified and issued a disposal authorization for special wastes, including specific arrangements for handling of the wastes? <b>K.A.R. 28-29-108(r)(13)</b>		
<b>LEACHATE SYSTEMS AND MONITORING</b>	<b>Answer</b>	<b>Violation</b>
54. Does the MSWLF have a leachate collection system? <b>K.A.R. 28-29-104(h)</b>		
55. Do leachate storage facilities have the required secondary containment? <b>K.A.R. 28-29-104(i)(3)(B)</b>		
56. Is leachate being managed as described in the approved FOP? <b>K.S.A. 65-3409(a)(3)</b>		
56a. Check each leachate management method used at the facility (if trucked off-site list the disposal location in comments).		
57. Is the leachate sampled and analyzed annually for the required parameters? <b>K.A.R. 28-29-104(i)(6)</b>		
58. Does the leachate drainage system maintain a maximum head of leachate one foot (0.30 meter) above the liner? <b>K.A.R. 28-29-104(g)(2)(A)</b>		
58a. Is a log maintained of leachate levels? <b>K.S.A. 65-3409(a)(3)</b>		
<b>GROUNDWATER MONITORING</b>	<b>Answer</b>	<b>Violation</b>
59. Are the monitoring well covers locked? <b>K.A.R. 28-29-111(f)(5)(D)</b>		
60. Are the monitoring wells, their protective posts and covers properly maintained and free of damage? <b>K.A.R. 28-29-111(f)(3)</b>		
60a. List all monitoring wells observed during this inspection.		