

**INSPECTION REPORT - MUNICIPAL WASTE LANDFILL**

Site I.D. \_\_\_\_\_  
 Site Name \_\_\_\_\_  
 Address \_\_\_\_\_

Telephone # \_\_\_\_\_  
 Operator Name \_\_\_\_\_  
 Address \_\_\_\_\_

Municipality \_\_\_\_\_  
 Responsible Official \_\_\_\_\_  
 Person Interviewed \_\_\_\_\_  
 Inspector \_\_\_\_\_

County \_\_\_\_\_  
 Title \_\_\_\_\_  
 Title \_\_\_\_\_  
 Time \_\_\_\_\_

Due Date \_\_\_\_\_ Inspection Date \_\_\_\_\_ Inspection Type \_\_\_\_\_ Facility Type \_\_\_\_\_ Inspector ID \_\_\_\_\_ # Violation \_\_\_\_\_

Comment: \_\_\_\_\_  
 Permit Expiration Date: \_\_\_\_\_ Quarterly Groundwater Due Date: \_\_\_\_\_ Days/Week Operated: \_\_\_\_\_  
 Repermit Date: \_\_\_\_\_ Annual Groundwater Due Date: \_\_\_\_\_ Max. Daily Volume: \_\_\_\_\_

1-No Violation Observed    2-Not-Applicable    3-Not-Determined    4-Non-Compliance

STATUS				GENERAL PROVISIONS	CHAPTER CITATION	LINE ITEM
1	2	3	4			
				Operation in accordance with approved plans and permit.	273.201(c)(2)	101
				Operation within permit boundaries (vertical and horizontal).	273.201(c)(2)	102
				Disposal timing and sequence as per Section 273.112(1)	273.201(c)(2)	103
				No unapproved wastes or liquids.	273.201(d)-(g)	104
				Isolation distances are adhered to.	273.202(a)(1)-(13)	105
				Facilities certification requirements followed.	273.203(a), (b)	106
				Written Department approval of new construction prior to waste disposal.	273.203(c)	107
				<b>DAILY OPERATIONS</b>		
				Proper signs posted.	273.211(a)	108
				Site perimeter clearly marked and grid coordinate system in use.	273.211(b)-(d)	109
				Proper barriers installed and access controlled when attendant not present.	273.212(a)-(c)	110
				Access road maintained in accordance with Chapter 105 and 273, and negotiable by collection vehicles.	273.213(a)-(k)	111
				Approved means of measuring waste utilized.	273.214(a), (b)	112
				Adequate equipment on-site and stand-by equipment available.	273.215(a), (b)	113
				Vehicles directed promptly to unloading area and promptly unloaded.	273.216(a), (b)	114
				Solid waste spread and compacted into layers not exceeding two feet unless otherwise approved.	273.216(c)	115
				Working face size suitable for compaction and daily covering.	273.216(d)	116
				No open burning(*) or other fugitive dust emissions.	273.217(a), (c)	117
				Ambient air quality standards maintained.	273.217(b)	118
				Effective vector control implemented and public nuisances prevented.	273.218(a), (b)	119
				Salvaging in accordance with regulations.	273.219(a), (b)	120
				Litter controlled/collected and barriers/fences in place.	273.220(a)-(c)	121

**INSPECTION REPORT - MUNICIPAL WASTE LANDFILL (Cont'd)**

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				COVER/SLOPES/REVEGETATION	CHAPTER CITATION	LINE ITEM
1	2	3	4			
				Top soil removed and stored in accordance with regulations.	273.231(a)-(c)	122
				Uniform six inch daily cover compacted on waste at the end of working day or at the end of each 24 hour period, whichever is less.	273.232(a)	123
				Daily/intermediate cover meets performance and design requirements.	273.232(b), (c) & 273.233(b), (c)	124
				Minimum 5 day supply of daily and intermediate cover maintained on-site.	273.232(d) & 273.233(d)	125
				12 inches intermediate cover applied within time limits.	273.233(a)	126
				Intermediate cover temporarily revegetated as required.	273.233(e)	127
				Intermediate slopes covered, revegetated, and do not exceed 50%.	273.233(f)	128
				One foot compacted clay cap placed and graded over entire surface of final lift unless otherwise approved.	273.234(a)(1)	129
				Drainage layer installed over cap as approved.	273.234(a)(2)	130
				Uniform and compacted layer of soil at least 2 feet in thickness placed over drainage layer.	273.234(a)(3)	131
				Final cover meets performance and design requirements; applied within time limits.(*)	273.234(b)-(d)	132
				Final slopes stable and erosion controlled.	273.234(e)	133
				Final slopes graded 3-15% or terraced to 33% as approved.	273.234(f)	134
				Minimum revegetation and successful revegetation requirements adhered to.	273.235(a)-(e) & 273.236(a), (b)	135
				<b>WATER QUALITY PROTECTION</b>		
				Surface and groundwater discharges prevented unless otherwise authorized by the Department.	273.241(a)-(c)	136
				Surface and groundwater treatment facilities properly operated and maintained.	273.273.241(b)	137
				Surface water percolation minimized/prevented.	273.242(b)(1) & 273.234(e)(4)	138
				Soil erosion and sedimentation controls designed and implemented(*) as per approved plans; gullies over nine inches repaired.	273.242(a)-(c)	139
				Sedimentation ponds and discharge structures designed, constructed (*), operated, and maintained(*) in accordance with Chapters 273, 102, and 105.	273.243(a)-(g) & 273.244	140
				Water supply replacement program in effect if required.	273.245(a)-(d)	141
				<b>LINER SYSTEM</b>		
				Liner system designed, constructed(*), operated, and maintained when required.	273.251(a), (b)	142
				Edge of liner requirements adhered to (i.e., no waste within 25 feet if adjacent liner or 15 feet if no adjacent liner, 4 feet high berm, and marked).	273.252(c)-(f)	143
				Leachate detection zone monitored weekly.	273.255(c)	144

**INSPECTION REPORT - MUNICIPAL WASTE LANDFILL (Cont'd)**

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				LINER SYSTEM (cont'd)	CHAPTER CITATION	LINE ITEM
1	2	3	4			
				Protective cover protects primary liner and leachate collection system and allows free flow of leachate into the collection system.	273.257(a)	145
				Protective cover meets minimum requirements and at least 18 inches thick.	273.257(b)	146
				Leachate collection system within protective cover meets minimum requirements.	273.258(a), (b)	147
				Barrier designed, constructed and maintained as required to prevent lateral migration of leachate off-site in surface mined areas.	273.259(a)-(d)	148
				8 feet of select waste placed over protective cover.	273.260	149
				<b>LEACHATE TREATMENT</b>		
				Leachate collected and handled through Department approved method(s).	273.272(a)-(c)	150
				Leachate transportation requirements adhered to.	273.273(a)-(c)	151
				Cessation of site operation if alternate leachate handling not available.	273.273(d)	152
				Leachate treatment system permitted and fully operational at least 3 years before closure.	273.273(e)	153
				Leachate recirculation in accordance with regulations.	273.274(1)-(4)	154
				Leachate collection and storage systems on-site have capacity of 30 days or 250,000 gallons, whichever is greater.	273.275(a)-(f)	155
				Leachate flow rate measured daily; analyzed quarterly.	273.276(a)-(b)	156
				Department notified when remedial action(s) required.	273.277(1)-(4)	157
				<b>WATER QUALITY MONITORING</b>		
				Approved monitoring system installed(*) and maintained.	273.281(a), (b) & 273.283	158
				Quarterly and annual monitoring requirements adhered to and results submitted to Department within time constraints.	273.284 & 273.285	159
				Groundwater assessment plan submitted and implement as required.	273.286(a)-(g)	160
				Groundwater abatement plan submitted and implemented as required.	273.287(a)-(d)	161
				<b>RECORDKEEPING AND REPORTING</b>		
				Operational records maintained, available and submitted as required.	273.288 and 273.311-273.313	162
				<b>MINERALS AND GAS</b>		
				25 foot isolation maintained from coal formations and mine openings sealed in approved manner.	273.291(a), (b)	163
				Subsidence plan implemented as approved.	273.291(c)	164
				Gas venting and monitoring in accordance with approved plans.	273.292(a)-(d)	165
				Combustible gas levels not exceeded.	273.292(e)	166
				Forced gas venting if required.	273.292(f)	167
				Gas recovery conducted as per approved plan and §273.293, including annual analysis.	273.293(a), (b)	168

**INSPECTION REPORT - MUNICIPAL WASTE LANDFILL (Cont'd)**

1-No Violation Observed    2-Not-Applicable    3-Not-Determined    4-Non-Compliance

STATUS				EMERGENCY PROCEDURES	CHAPTER CITATION	LINE ITEM
1	2	3	4			
				First aid facilities available; safety practiced.	273.301(a), (b)	169
				Emergency equipment available and maintained.	273.302(a)-(d)	170
				Contingency plan implemented when appropriate.	273.303(a)-(c)	171
				<b>SPECIAL HANDLING AND RESIDUAL WASTES</b>		
				Special handling and residual wastes accepted with prior Department approval, and in accordance with permit and Chapter 273.	273.501	172
				Infectious waste disposal restrictions adhered to.	273.511(a)-(e)	173
				Chemotherapeutic waste disposal restrictions adhered to.	273.512	174
				Sewage sludge co-disposal (≥25% total weight) and monofill (≥40% solids) requirements followed.	273.513(a), (b)	175
				Sewage sludge analysis requirements adhered to and results submitted within time limits.	273.513(c)	176
				Disposal of municipal waste incineration ash in landfill or landfill cell that meets Chapter 273 requirements.	273.514(a)	177
				Ash residue disposal in dedicated landfill or landfill cell unless co-disposal in accordance with Chapter 273 (including leachability treatment).	273.514(b)	178
				Ash residue covered immediately or as approved by the Department.	273.514(c)	179
				Residual waste analysis requirements adhered to and results submitted within time limits.	273.521	180