



WASTE PROGRAMS DIVISION, INSPECTION & COMPLIANCE SECTION  
 SOLID WASTE INSPECTIONS & COMPLIANCE UNIT  
 1110 West Washington Street, Phoenix, Arizona 85007  
 (602) 771-4673 (800) 234-5677 ext. 771-4673

## Municipal Solid Waste Landfill Inspection Report

Facility Name : \_\_\_\_\_ Inspection Date: \_\_\_\_\_ Inspection ID: \_\_\_\_\_  
 Facility Address: \_\_\_\_\_ Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_  
 Owner/Operator: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_  
 Inspection Type:  Routine  Follow-up  Complaint  Multimedia  Other \_\_\_\_\_  
 Facility Representative(s): \_\_\_\_\_ ADEQ Representative (s): \_\_\_\_\_  
 Consent to Inspect granted by: \_\_\_\_\_ Name and title: \_\_\_\_\_  
 Disposal Area Size: Length: \_\_\_\_\_ Width: \_\_\_\_\_ Height: \_\_\_\_\_

Yes	No	N/A	P*	40 CFR §258.29 and 258(G); ARS §49-747 <b>Facility Records:</b>	Comments:
				Is a copy of the facility plan and/or APP kept at or near the facility?	
				Has the landfill submitted:	
				An annual registration and fee?	
				Annual financial assurance cost estimate updates?	
				Are records of training procedures kept at or near the facility?	
				<b>40 CFR §258(C) Facility Operations:</b>	
				Does the facility display signs containing hours, fees, and types of waste accepted or prohibited?	
				Is public access controlled?	
				Has adequate daily cover been applied?	
				Minimum daily cover required by facility plan (circle):	
				6" 12" Other: _____	
				If no, were any of the following observed in the area of insufficient cover?	
				Disease Vectors	
				Odors	
				Evidence of Scavenging	
				Fire Hazard	
				Wind blown litter	
				Does the facility use any of the following as Alternative Daily Cover?	
				Green waste	
				Processed green waste	
				Tarps	
				Motor vehicle shredder residue	
				If used, is ADC used in accordance with the facility plan?	
				Does the facility maintain a run-on/run-off control system?	
				Does the facility engage in open burning of waste?	
				If yes, does the facility have an air quality permit?	
				Does the facility implement dust control?	
				Does the landfill participate in recycling?	
				Does the facility conduct random load inspections to prevent disposal of unpermitted wastes? ( <i>Note nature &amp; frequency of inspections</i> )	
				Are landfill employees trained to detect and prevent disposal of unpermitted wastes?	
				Are records kept indicating the results of random load inspections?	

				<p>Was hazardous, PCB, or otherwise unpermitted waste detected during random load inspections? <i>(If yes, answer below)</i></p> <p>Were actions taken to prevent disposal?</p> <p>Was ADEQ notified that hazardous or PCB waste was discovered?</p>	
				<p>Were contaminated soils accepted by the landfill at any time?</p> <p>If yes, are there analyticals and shipping logs indicating the nature, source, and concentration of contaminants? <i>(If yes, request copies)</i></p>	
<p>40 CFR §258.23 and 40 CFR §258(C)      <b>Monitoring Controls:</b></p>					
				<p>Are groundwater and methane monitoring and analytical records kept at or near the facility?</p>	
				<p>Is groundwater monitoring conducted at the required frequencies and for the required contaminants? <i>(minimal semiannually)</i></p> <p><b>Frequency:</b>    quarterly    semi-annually    other</p>	
				<p>Did groundwater monitoring reveal exceedances of water quality standards or a statistically significant increase (SSI) above background? <i>(If yes, answer below)</i></p> <p>Indicate date of results and contaminant of exceedance:</p> <p>If an SSI was detected, did the facility place a notice in the operating record and notify ADEQ within 14 days?</p> <p>Within 90 days, did the facility either:</p> <p>1) establish an assessment monitoring program? OR</p> <p>2) demonstrate contamination is from a source other than the landfill?</p>	
				<p>Is methane monitoring conducted at the required frequencies? <i>(minimum of quarterly)</i></p> <p><b>Frequency:</b>    Quarterly    Monthly    Other</p>	
				<p>Were any methane exceedances detected? <i>(If yes, note date and answer below)</i></p> <p>Did the methane gas exceed 25% of LEL in a facility structure?</p> <p>Did the methane gas exceed the LEL at the property boundary?</p> <p>Did the facility:</p> <p>    Immediately take steps to ensure protection of human health?</p> <p>    Immediately notify ADEQ?</p> <p>    Place records of gas levels detected and a description of steps taken to property human health in the operating record within 7 days?</p> <p>    Implement a remediation plan for the exceedances within 60 days of detection or by an alternative ADEQ-approved schedule?</p>	
<p>A.A.C. R18-13-1417 et. al.      <b>Biohazardous Medical Waste Disposal:</b></p>					
				<p>Is the biohazardous medical waste (BMW) accepted at the landfill packed in one of the following ways?</p> <p>1. A red disposable bag that is: (a) leak resistant, (b) impervious to moisture, (c) sealed, (d) puncture resistant, (e) placed in a secondary container.</p> <p>2. In a reusable container that bears the universal biohazard symbol and is: (a) leak proof on all sides and bottom, (b) closed with a fitted lid, (c) constructed of easily cleanable materials impervious to liquids, (d) resistant to corrosion.</p>	
				<p>Is the BMW disposal area separate from the general purpose disposal area?</p>	

				Is the BMW disposal area clearly labeled, identifying that the area contains untreated medical waste?	
				Is a layer of soil deposited over the BMW disposal area to prevent equipment from coming into direct contact with the waste or dragging waste over the area?	
				Is BMW covered with 6" of compacted soil at the end of the day or more often, if needed to prevent vector breeding?	
				Does the landfill prevent salvaging of untreated BMW from the landfill?	
<b>Liquid Solidification</b>					
				Is soil gas and soil matrix sampling conducted semiannually during the operational life and at the end of the operational life? (fall/spring)	
				Has the facility given at least a seven (7) day notice prior to the start of field activities for any performance monitoring, confirmation sampling or background sampling events to allow an ADEQ rep. to be present?	
				Has the facility submitted reports describing the sampling, analytical results, and any proposed corrective actions, no later than 60 days following completion of field work for each performance monitoring or confirmation sampling event?	
				Has a soil vapor trigger level or metal background concentration level been exceeded?	
				If so, did the facility take at least one of the following actions:	
				1. Request re-certification from the generators of all suspected liquid waste profiles, including the submittal of new analytical data for the liquid?	
				2. Reevaluate the acceptability of the waste stream in question for liquid solidification?	
				3. Reducing the liquid waste application rate to existing liquid solidification areas?	
				4. Increase the excavation and removal frequency of the solidified wastes from the liquid solidification areas to the landfill?	
				-OR other corrective measures approved by ADEQ?	
<b>Conditions for Acceptance of Solid Waste</b>					
				Has the facility accepted any liquid waste loads without a generator's waste profile sheet?	
				Are industrial liquid waste profiles updated at least annually and include sampling results from a laboratory, certified by the state of the generator?	
				Are non-industrial liquid waste profiles renewed annually?	
				Does the facility visually inspect 100% of all liquid waste loads for conformance with generator's waste profile sheet?	
				Were any incidental odors documented and/or investigated?	
				If so, were the rejected loads documented and placed in the operating record?	
				Was at least one (1) representative or at least 10% (whichever is greater) of the containers of the non-bulk liquid waste load visually inspected?	
				Does the facility conduct random load inspections on at least 10% of incoming liquid waste loads and document those in the operating record for flammability/ignitability and pH?	
				Did any liquid waste loads fail the flammability test ?	
				Did any liquid waste loads fail the pH test (pH result of $\leq 2$ or $\geq 12.5$ )?	
				Did the facility reject any liquid waste loads failing the random inspections?	

			Is the facility sampling 10% of incoming industrial liquid waste loads for VOCs and metals?	
			Is the facility sampling 5% of incoming industrial liquid waste loads for VOCs and metals?  If so, did the facility notify ADEQ seven days prior to reducing sampling to 5%?	
			Did random metal and VOC results of liquid waste testing exceed TCLP regulatory limits?  If so did the facility:	
			1. Implement sampling and analytical testing for 100% of incoming industrial liquid loads (for 12 consecutive months or ten load) received from the specific generator where the waste originated?	
			2. Perform a TCLP on the load that exceeded metal and VOC limits?	
			3. Use a separate tank or tankers for liquid waste loads undergoing a TCLP test?	
			4. Submit test results from the load sampling with 30 days of the end of the month for the previous month's sampling data to ADEQ WPD PRU?	
			5. Notify ADEQ WPD PRU within 24 hours of determination and include generator's contact, waste profile, analytical results, and the date the load was received?	
			6. Remove the waste shipment from the facility as expeditiously as possible, but no more than 10 business days, unless otherwise approved by ADEQ and notify ADEQ within 24 hours of the measures taken to remove the waste?	
<b>Operational Requirements for Liquid Solidification</b>				
			Are liquid wastes accepted for solidification placed in shallow bermed units and tilled or mixed with heavy equipment within 24 hours of application?	
			Are solidified wastes excavated from within 30 days following disposal?	
			Are excavated bermed units inspected to ensure that all moist soil from liquid solidified wastes is removed for landfill work face disposal?	
			Are results of excavated bermed unit inspections, including date, time, inspector, weather conditions, and approximate depth to dry soil placed in the operating record?	
			Are liquid solidification operations within 10 feet above the future landfill liner depth of a future landfill cell?	
			Is storm water run-on into bermed liquid solidification units controlled with grading away from the solidification area?	
			Has additional berm construction around the liquid solidification area been required to control storm water run-on and run-off?	
			Is solidified liquid waste applied in quantities necessary to produce daily or intermediate cover and passes the paint filter free liquids test?	