

**APPLICATION REVIEW CHECKLIST
 LAND PROTECTION DIVISION
 OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

CONSTRUCTION AND DEMOLITION LANDFILLS

New Permits or Expansion of Permitted Boundary

(Shaded areas for DEQ use only)

Facility Name:	County:	OAC 252:515	
ODEQ Login/Permit No:			
Tier Classification III:	Date:		
Administrative Reviewer:	Start Date:	Completion Date:	Deadline:
Technical Reviewer:	Start Date:	Completion Date:	Deadline:

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
FILING OF APPLICATION					
PUBLIC PARTICIPATION		Information regarding the pending application shall be made available to the public as required in 252:004-7-13. This notice is to allow concerned individuals an opportunity to voice opposition or support.			
1	252:004-7-13	Public Notice shall be made with proof submitted to the Department consisting of a copy of the publication in one newspaper, in addition to an affidavit from the publishers showing the date of publication.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
APPLICATION		Prior to filing a formal application, it is recommended that a <u>Preliminary Site Evaluation</u> be completed to determine if the proposed site meets the location standards as required in 252:515-5.			
VERIFICATION/CERTIFICATION					
2	252:515-3-33,34,35	Application signed under oath by the owner/operator. Assurance of sufficient interest in the land for which the permit is sought to construct and operate, in addition to right of access.			
3	252:515-3-33,34,35	Engineer of Record shall affix his/her seal to the application page and each map & drawing, as certification that the information is accurate & verifiable.			
GENERAL INFORMATION					
4	252:515-3-36(1)	Owner/Operator: Name, address, & phone number.			
5	252:515-3-36(3)	Disclosure Statement (27A O.S. Supp. 1993, 2-10-302)			
6	252:515-3-36(2)	Facility Name and Type			
7	252:515-3-36(4)	Legal description of proposed permit boundary. To include latitude, longitude, & elevations of all corners of the proposed permit boundary. Corners must be permanently marked.			
8	252:515-3-36(6) & 3-52	Location: Both physical and mailing addresses; and location with respect to nearest town or city, residences, airport, & flood prone areas.			
9	Not found	Land Use: Land use of adjacent property & general area within two (2) miles.			
10	252:515-3-36(14)(B)	Operations: Brief description of proposed operations. To include hours of operation and equipment to be used.			
11	252:515-3-36(8)	Waste: Description of anticipated waste streams including type, source, & anticipated volumes.			
12	252:515-3-36(10)	Population: Population or population equivalent served.			
13	252:515-3-38(7)	Life: Anticipated life of site			
14	252:515-3-36(11)	Access Roads: Type of road construction & materials. All roads within the site must be passable under all weather conditions.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
MAPS & DRAWINGS:		Complete maps, plans, specifications, and narrative demonstrating the proposed site as designed & constructed, are required as outlined in 252:515-3-37, 252:515-3-51, 252:515-3-52, 252:515-3-53, 252:515-3-54, 252:515-3-55, 252:515-3-56, and 252:515-3-57. The narrative should provide design specifications for receiving & processing areas, surface water protection measures, & any other site item requiring explanation.			
15	252:515-3-52	General Location Map: County Highway map or municipality map, if available, showing location of proposed site and any airports within two (2) miles.			
16	252:515-3-53	Flood Plain Map: A Flood Plain map from an approved source depicting the 100 year flood plain on or adjacent to the proposed site.			
17	252:515-3-54	Quadrangle Topographic Map: An original USGS map showing location of site boundaries; access routes; homes & buildings; water wells; public water & waste water collection, treatment, & distribution facilities; receiving waters & surface variations within one (1) mile of site.			
18	252:515-3-55	Existing Contour Map: A constructed map showing topographic contours, contour interval not to be greater than two (2) feet, and location & quantities of surface drainage entering & exiting site.			
19	252:515-3-56	Site Map: May be plotted on existing contour map (above map). To include dimensions of permit boundary, storage & disposal boundaries, buffer zone, receiving & processing boundary areas, permanent line-of-sight corner monuments, wells, surface drainage, fencing, gates, utility lines, easements, access roads, employee & equipment shelters, and new contours after improvement.			
20	252:515-3-57	Details: Provide necessary details of the design specifications for receiving, processing, storage or disposal areas, drainage channels, retention structures or other ground water & surface water protection measures, and any other specific site items requiring explanation.			
21	252:515-3-37	Aesthetic Enhancement: Construction plan & maps showing features to reduce dust & noise, and enhance visual harmony of facility with surrounding area.			
LOCATION STANDARDS:		The following location restrictions are to be addressed:			
22	252:515-5-32(a) 252:515-3-32 & 53	100 Year Flood Plain: Not to be located in 100 Year Flood Plain. 100 year flood level & boundaries to be furnished in application.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
23	252:515-5-52(e)	Residence: Not to be within one-half (1/2) mile of an outside wall of any dwelling occupied at the time a permit application is made, except that a smaller separation may be allowed if the applicant provides notarized statements granting approval and acceptance of the proposed site.			
24	252:515-19-38(b)	Buffer Zone: Buffer zone at least fifty (50) feet in width to be established within the proposed permit boundary, between the developed portions of disposal site and adjacent property.			
25	252:515-5-51(a)	Utility Separation: A minimum horizontal separation of twenty-five (25) feet shall be maintained from any above-ground or underground pipeline; or transmission line.			
26	252:515-5-32(c)	Airports: Not to be located within 10,000' of any airport runway used by turbojet aircraft, or within 5,000' of any airport runway used by piston-engine aircraft. Proposed sites to be located within a five (5) mile radius of any airport must notify the affected airport and the FAA.			
27	252:515-5-31(e)	Wetlands: Not to be located in wetlands. Letter required from Oklahoma Conservation Commission (OCC) stating proposed site not located in wetlands.			
28	252:515-5-31(a)	Endangered & Threatened Species: Statement required from Oklahoma Department of Wildlife (ODWC) and Oklahoma Biological Survey (OBS) concerning endangered or threatened wildlife or plant species within one (1) mile of proposed site. If exist, impact statement required.			
29	252:515-5-31(b)	Scenic Rivers: Not to be located within the drainage basin of any river designated under Oklahoma Scenic Rivers Commission (OSRC) Act unless statement is obtained from OSRC or Oklahoma Tourism & Recreation Department.			
30	252:515-5-32(b)	Terrace Deposits: Not to be located within an area designated as alluvium or terrace deposits and their recharge areas, as shown on "Maps of Aquifers and Recharge Areas in Oklahoma".			
31	252:515-5-32(c)	Public Water Supply: Not to be located within one (1) mile upgradient of a public water supply surface water intake that is in existence or permitted for construction at the time a complete application is filed.			
32	252:515-5-51(c)	Wellhead Delineation: Not to be allowed within one (1) year time of travel of a public water supply well. Wellhead delineation to be performed and submitted with the application.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
33	252:515-5-52(h)	Recreation/Preservation Areas: Not to be located within one-half (1/2) mile of area dedicated & managed for public recreation or natural preservation by any governmental agency. Exceptions granted if application includes statement from appropriate agency that proposed site not expected to adversely affect recreation or natural area.			
WATER MANAGEMENT:		The entire processing facility site shall be constructed so as to minimize runoff. Plans and specifications regarding the design, construction & maintenance of run-on/run-off control systems & handling of leachate as outlined in 252:515-17-2 are required. In addition, facilities shall be designed, constructed, and operated in a manner that will prevent and avoid contamination of ground waters.			
34	252:515-17-2(1)	Run-on Control System: Design & implementation of control system to prevent flow onto active portion of site during peak discharge from 24-hour, 25-year storm.			
35	252:515-17-2(2)	Run-off Control System: Design & implementation of control system to collect & control a minimum volume of water resulting from 24-hour, 25-year storm.			
36	252:515-17-2	Storage: Leachate, if present, should be collected & stored in a manner not to cause contamination, and disposed in a manner compatible with the regulations outlined.			
SUBSURFACE INVESTIGATION:		The owner/operator shall determine the location of the uppermost saturated zone(s). The subsurface investigation shall be designed to protect all saturated zones encountered while drilling, and be conducted according to not less than the minimum standards set forth in OAC Title 785, Chapter 35. A Drilling Plan shall be submitted for Departmental approval prior to any drilling.			
DRILLING PLAN:		A drilling plan shall be submitted to the Department for approval prior to filing an application for a new landfill or lateral expansion 252:515-7-4(a). It is to include the following information:			
37	252:515-7-4(a)(2)	General: To include the name, address and phone number of owner/operator, engineering firm, & individual in charge of project.			
38	252:515-7-4(b)(2)	Maps: Following maps & drawings to be included according to Chapter 7: general location map; flood plain map; quadrangle topographic map; & an existing contour map showing the locations, estimated elevations and total depths of any proposed or existing borings on the site.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
39	252:515-7-2(b)	Borings: Borings shall be drilled using a dry method of subsurface exploration. A minimum of four (4) borings for a site of five (5) acres or less. One (1) additional boring is required for each additional five (5) acres. More borings may be required if the complexity of the hydrogeology warrants.			
40	252:515-7-4(b)(4)	Drilling: Borings to be drilled to a minimum depth of thirty (30) feet below the deepest proposed placement of waste. Borings to be spaced on a grid with at least three (3) borings two hundred (200) feet deep or a minimum of ten (10) feet into the uppermost saturated zone, whichever is less; and at least one (1) boring to a depth of one hundred (100) feet. Drilling to occur only after receipt of written permission from the Department, and written notice of "intent to drill" is received by the Department at least two (2) weeks prior.			
41	252:515-7-31	Data Collection: The following information shall be collected during drilling: borehole logs, lithologic sample logs, geophysical logs, soil & rock sampling, and soil tests & reports.			
42	252:515-7-32	Borehole Logs: A lithologic sample log shall be prepared for each borehole drilled, and a geophysical log recorded for each boring to be converted to a piezometer.			
43	252:515-7-35	Soil & Rock Sampling: Soil & rock samples to be taken at five (5) foot intervals and at soil or rock changes from the surface to the total depth drilled. Sampling methods shall include split barrel samples, core barrel for consolidated rock, and thin walled tube samples when soil samples of silts and clays are required for physical tests. Soils proposed to be used as liner and/or cover shall be tested and a laboratory report of the soil & rock characteristics and quantities to be submitted.			
HYDROGEOLOGIC STUDY:		To include both a regional and site specific study 252:515-7-38, 252:515-3-72, 252:515-3-73, and 252:515-3-76.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
44	252:515-7-38	Regional Hydrogeologic Study: To include at a minimum the formation underlying the deepest formation penetrated by the bore holes and/or monitor wells; all formations exposed in the outcrop on or within 1/4 mile of the proposed permitted boundary; a geologic column & structural information of all rock formations occurring from surface to a depth of 500 feet; a regional surface geologic map; illustrations of the regional stratigraphic column & geologic or hydrogeologic cross-sections; a description of regional groundwater quality & identification of USDWs; and references indicating the source of information.			
45	252:515-3-72 252:515-3-73 252:515-3-76	Site Specific Hydrogeology: To include a ground water resource and usage map, a site specific surface geologic map, and two (2) site specific cross sections, constructed from subsurface borehole logs & other site specific information.			
GROUNDWATER STUDY:		A groundwater study is to be conducted based on information obtained from piezometers located to be representative of the entire site 252:515-7-51(a).			
46	252:515-3-74 252:515-3-75 252:515-7-53(a)(b)(c)	Piezometers: To be drilled and constructed according to specifications outlined in the regulations. Screens shall be installed in the uppermost saturated zone. At least three (3) piezometers shall be installed for sites twenty (20) acres or less. One (1) additional piezometer shall be installed for each additional twenty (20) acres.			
47	252:515-7-54	Groundwater Elevation Report: To establish the minimum distance between the highest water table and the lowermost elevation at which waste will be placed. Water levels in all piezometers are to be measured for three (3) to twelve (12) consecutive months depending on the minimum distance anticipated. Groundwater elevation data to be submitted in application. Daily & monthly precipitation data from the climatological station closest to the proposed site which correspond to period of onsite measurements, shall be submitted with the 30-year mean precipitation value for the proposed site. To include a groundwater contour map and actual piezometric contour map.			
48	252:515-7-56	Shallow Saturated Zone Investigation: If a saturated zone is encountered above the depth groundwater is anticipated, a piezometer shall be installed & screened in the shallow zone and the location offset within ten (10) feet where a new boring shall be drilled to the original proposed total depth.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
GROUNDWATER MONITORING:		Groundwater is to be monitored for the life of the landfill and during the Closure and Post Closure Periods to insure that the facility does not endanger the surface or subsurface water quality.			
49	252:515-9-4 252:515-9-5 252:515-9-6 252:515-9-7	Monitor Well Location: To be located on land owned or leased by the owner of the landfill & placed no more than 150 meters from the waste management unit boundary. Number, spacing, and depths of monitoring wells to be based on site-specific technical information.			
50	252:515-9-5 252:515-9-6 252:515-9-7	Monitor Wells Required: A minimum of three (3) monitor wells are required to yield samples from the uppermost aquifer. At least one (1) monitor well to be located up-gradient and at least two (2) monitor wells hydraulically down-gradient of the landfill based on the actual piezometric contour map. Design, installation, development, and decommission must have prior approval from the Department.			
51	252:515-9-6	Design & Construction: Must be cased and constructed to at least the minimum construction standards set forth in OAC Title 785, Chapter 35. Must be maintained so that performance is to design specifications throughout the life of the program.			
52	252:515-9-6	Plugging: Unless converted to a piezometer or monitor well within thirty (30) days, all borings shall be plugged in accordance with the requirements of OAC 785:35-11			
53	252:515-9-3 252:515-9-31 252:515-9-74 252:515-9-71 252:515-9-51 252:515-9-52 252:515-9-53 252:515-9-54	Monitoring Program: To include sample collection, sample preservation & shipment, analytical procedures, chain of custody control, quality assurance & quality control, and statistical procedures & performance standards. Within thirty (30) days of construction, all monitor wells shall be sampled quarterly for one full year for each parameter or constituent required in the groundwater program to establish background values. After background has been established, monitor wells shall be sampled quarterly and analysis performed. Through comparison with the background values, it shall be determined if a statistical increase has occurred.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
LINERS:		All landfills must construct a liner on which waste will be placed 252:515-11-2(a). It shall consist of a minimum of five (5) feet of in-situ soil or three (3) feet of recompacted soil, the hydraulic conductivity of which shall be no greater than 1×10^{-5} cm/sec, or an equivalent alternative design. The Department shall be notified two (2) weeks prior to installation.			
54	252:515-11-2	General: All landfills must construct a liner. The minimum monitoring period for on-site groundwater elevations is dependent on (1) the minimum distance between the water table, as shown on the water table map and the lowermost surface on which waste, or (2) whether the 30-year mean precipitation exceeds the mean precipitation occurring during the water table measurement period and the twelve (12) preceding months.			
55	252:515-11-6	Liner Installation & Testing (LIT) Plan: To include all information required for liner design, placement, construction, and testing to assure continuous compliance. Also to include top of liner contour map and completion map.			
56	252:515-11-4	Quality Assurance/Quality Control (QA/QC): A plan shall be submitted to define the QA/QC to be conducted during any liner construction and installation.			
57	252:515-11-2(a)	Liner Types: Liner types include natural liner, reconstructed soil liner, and artificial liner. Specifications and testing requirements for each type are outlined.			
OPERATIONAL PLAN:		The following operational standards are to be addressed, as required by 252:515-3-36 and 252:515-3-38:			
58	252:515-19-38(b)	Access Road: Type of road construction & materials. All roads within the site must be passable under all weather conditions.			
59	252:515-9-31(e)	Acceptable Material: NOT to include liquid waste, nonhazardous industrial solid waste, biomedical waste, municipal solid waste, putrescible waste or special waste. Tires are acceptable.			
60	252:515-19-33	Measuring Procedure: Scales shall be installed. All waste delivered to & disposed of, shall be measured by either weight or volume (cubic yards), and the information included in the annual report			
61	252:515-19-36(b)	Fire Protection: Suitable measures to be taken to prevent and control fires. Narrative to include description of equipment & alarm systems, and training.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
62	252:515-19-32	Public Access Control: Signage to identify site as to name, permit number, and hours of operation is recommended. Control public access and prevent unauthorized traffic and uncontrolled dumping by using artificial and/or natural barriers.			
63	252:515-19-35	Litter: Blowing litter to be controlled so as not to leave the working face. Unloading to be performed to minimize scattering of refuse. All facility users shall adequately cover loads to prevent blowing litter. Entire site and approaches within 1/2 mile shall be cleaned at least weekly, more often if necessary.			
64	252:515-19-51	Protective Cover Requirements: Disposed solid waste to be covered at once with at least six (6) inches of compacted earthen material every seven (7) days or more frequent. Cover material used to be free of garbage, trash or other unsuitable material.			
65	252:515-19-52	Intermediate Cover: An additional twelve (12) inches of compacted earthen material meeting design standards must be placed on existing earthen protective cover on all areas not protected by final cover.			
66	252:515-19-53	Final Cover Requirements: A uniform layer of clay, silty clay or cover material equivalent to the liner material shall be compacted to a minimum depth of two & one-half (2 1/2) feet & placed over the entire surface of the final lift after final grade has been met. An additional six (6) inches of cover material capable of sustaining growth shall be placed on top of the landfill. Placement over the surface of each completed portion of the fill shall take place within one week following placement of the final layers of refuse.			
67	252:515-19-54	Shall establish and maintain vegetative cover, or alternate cover materials as approved by DEQ over waste disposal areas.			
68	252:515-19-36	Air Criteria: Shall adhere to any applicable requirements of the Oklahoma Clean Air Act and all requirements developed under a State Implementation Plan (SIP) as approved or promulgated by the EPA. Burning of solid waste at landfills is prohibited.			
69	252:515-19-39	Salvage: No scavenging to be permitted at disposal site. Salvage & recycling operations permitted with prior approved operational plan and shall be located in a separate area.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
70	252:515-19-37	Vector Control: Disease vectors to be prevented or controlled. Narrative of control measures appropriate for the protection of human health & the environment to be included.			
71	252:515-19-36(c)	Dust Control: Measures to be taken to control dust. Narrative of control measures to be included.			
72	252:515-17-3 252:605 OPDES	Discharge: Comply with NPDES/OPDES permit. No discharge of pollutants, including sediment, into waters of United States in violation of any requirements of Federal Clean Water Act. If accidental discharge occurs, immediate action should be taken to stop the flow or discharge from the site, modify operational practices to prevent any future occurrences, notify the Department, and take such actions necessary to remediate contamination of ground or surface waters resulting from the flow or discharge.			
73	252:515-19-40	Recordkeeping & Reporting: To include location restriction demonstrations, daily operational records, test results, Closure & Post Closure plans, cost estimates and financial assurance documentation. Annual report due within 30 days of the anniversary date of permit.			
74	252:515-19-31(e)	Liquids Restriction & Co-disposal: Bulk or non-containerized liquid not to be accepted unless household waste (other than septic) or sufficiently bulked with approved material to pass paint filter liquid test. Collection of liquid wastes for the sole purpose of recycling should be addressed in a recycling plan			
75	252:515-19-31	Exclusion Receipt of Hazardous & Other Inappropriate Waste: Personnel trained to recognize inappropriate waste. Random inspections of incoming loads and documentation of inspections required.			
76	252:515-25	Closure & Post Closure: (as outlined below) to be included in the operational plan.			
77	252:515-27	Financial Assurance: The amount and instrument supporting compliance with Subchapter 23 to be included.			
RECORDKEEPING REQUIREMENTS:		The following information is to be submitted to the Department and a copy retained in the operating record of the landfill 252:515-19-40. The operating record is to be maintained until the designated post closure period has expired.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
78	252:515-19-40	General: shall submit to the Department & maintain in the operating records any location restriction demonstrations, inspection records, monthly operational reports, documentation & analyses demonstrating the nonhazardous classification of wastes received, monitoring or testing data required, closure & post closure plans, and any cost estimates & financial assurance documentation.			
CLOSURE PLAN:		All applications shall contain a closure plan which identifies steps necessary to achieve final closure, including the last phased closure when applicable as required in 252:515-25. The plan shall provide for the closure of the site when no phased or final closure has been conducted for twelve months, storage capacity is filled and the site has accepted its final wastes for disposal			
79	252:515-25-1	Notice: The Department is to be notified in writing six (6) months prior to beginning final closure of the site.			
80	252:515-25-32	Right-to-Use: Documentation of applicants right-to-use, enter upon, maintain, & monitor site through period of final closure.			
81	252:515-25-32(b)(4)	Map: To include a completion map consisting of a constructed map showing the final contours of the entire site when completed at closure.			
82	252:515-25-32	Procedural Outline: Identification of site-specific closure activities with narrative descriptions of proposed extent, performance, & estimated cost of each. Activities to include contracting technical consultative services; administrative overhead; identification and removal of equipment; monitoring & sampling of ground & surface water and soils; maintenance of monitor wells; temporary buildings & other improvements; site security; and access control			
83	252:515-25-32	Additional Activities: To address disposing of final wastes & affected soils; description of final cover construction; construction & maintenance of surface drainage, erosional control measures, & vegetative cover; collection, treatment, & disposal of leachate; & final closure survey.			
84	225:515-25-32	Phased Closure: If facility is to be closed in phases, the real extent of the site to be closed in each phase, set forth proposed schedule for such closures, specify a progression of surface drainage controls.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
85	252:515-25	Cost Itemization: Cost of each activity specified in procedural outline. To be based on Departmental guidelines or approved alternate methods as outlined, and to include a ten percent (10%) contingency factor for unanticipated occurrences.			
86	252:515-25	Financial Assurance: A non-negotiable instrument guaranteeing sufficient funds for the adequate completion of closure upon the failure of the permittee to fully complete performance according to the terms of the permit and applicable law. Types of financial assurance considered acceptable are trust funds, surety bond guaranteeing payment or performance, letter of credit, insurance, certificate of deposit, cash or other state approved mechanism meeting the criteria specified in 252:515-25.			
87	252:515-25-34	Final Closure Certification: Preparation of certification and other reports & notices required.			
POST-CLOSURE:		Applications shall contain a post-closure plan which specifies how the disposal site will be monitored and maintained during the required post-closure period.			
88	252:515-25-32	Right-to-Use: Documentation of applicants' right-to-use, enter upon, maintain, & monitor site through period of post closure.			
89	252:515-25-32	Procedural Outline: Identification of site-specific post-closure activities with narrative descriptions of proposed extend, performance & estimated cost of each. The itemized written cost estimate must assume the cost of hiring a third party to complete post-closure.			
90	252:515-25-53 252:515-25-54	Activities: To include contracting for technical consultative services; routine site inspections; proper collection, treatment, & disposal of leachate; maintenance of all onsite equipment & improvements; maintenance of final cover & erosional control; monitoring & sampling of surface & ground water and soil; maintenance of monitor wells; security & access control; and preparation of annual maintenance & monitoring post-closure reports.			

**APPLICATION REVIEW CHECKLIST
LAND PROTECTION DIVISION
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**

ITEM #	State or Federal Regulations Statutes or DEQ Rules (OAC) or Guidelines*	GENERAL DESCRIPTION	Admin Complete	Technically Complete	Remarks
91	252:515-27	Financial Assurance: A non-negotiable instrument guaranteeing sufficient funds for the adequate completion of post-closure upon the failure of the permittee to fully complete performance according to the terms of the permit and applicable law. Types of financial assurance considered acceptable are trust funds, surety bond guaranteeing payment or performance, letter of credit, insurance, certificate of deposit, cash or other state approved mechanism meeting the criteria specified in 225:515-27.			