

**APPLICATION REVIEW CHECKLIST**

**LAND PROTECTION DIVISION  
HAZARDOUS WASTE PROGRAM**

**OKLAHOMA DEPARTMENT  
OF  
ENVIRONMENTAL QUALITY**

Facility Name: \_\_\_\_\_  
 Facility ID No.: \_\_\_\_\_ ODEQ Permit No.: \_\_\_\_\_ Reference No.: \_\_\_\_\_  
 Application Type: \_\_\_\_\_ Date: \_\_\_\_\_  
 (New/Modify/Renewal)

40 CFR 270  
and  
OAC 252:200

All Permit Applications

Administrative Reviewer: \_\_\_\_\_ Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_  
 Technical Reviewer: \_\_\_\_\_ Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_  
 Issuance Deadline: \_\_\_\_\_

ODEQ Form Number  
XXX-XXX

Shaded areas for DEQ use  
only

ITEM #	FEDERAL REGULATIONS 40 CFR	STATE REGULATIONS OAC 252:205	GENERAL DESCRIPTION	INFO LOCATION	ADMIN. COMPLETE	TECHNICALLY COMPLETE	REMARKS
					YES/NO/NA	YES/NO/NA	
G-0	<b>270.10</b>		<b>GENERAL APPLICATION REQUIREMENTS - 270.10</b>				
G-1	270.10(a)		<b>Permit application completed and signed</b>				
G-2	270.10(b)		<b>Who applies? – When a facility is owned by one person but is operated by another person, it is the operator’s duty to obtain a permit, except that the owner must also sign the permit application.</b>				
G-3	270.10(c)		<b>Completeness – all elements included</b>				
G-4	270.10(d)		<b>Information requirements -- information in 270.13 and applicable sections in 270.14 through 270.29</b>				

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A. Reviewer's Initials \_\_\_\_\_ Tracking Date \_\_\_\_\_  
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					YES/NO/NA	YES/NO/NA	
<b>Existing HWM facilities and interim status qualifications</b>							
G-5	270.10(e)(1)		Must submit part A no later than: (i) 6 months after the date of publication of regulations requiring compliance with 265 or 266, or (ii) 30 days after being subject to standards in 265 or 266, whichever first occurs (iii) March 24, 1987, if a generator who generates more than 100 kg but less than 1,000 kg per month and treats, stores, or disposes on-site				
G-6	270.10(e)(2)		Extension of submittal of part A if: (i) Substantial confusion whether to file a permit application, and (ii) Such confusion is due to ambiguities in 260, 261, 265, or 266				
G-7	270.10(e)(3)		Extension of submittal of part A under compliance order				
G-8	270.10(e)(4)		Timely submittal of part B				
<b>New HWM facilities</b>							
G-9	270.10(f)(1)		No construction allowed before the submittal of parts A and B and receipt of the effective permit				
G-10	270.10(f)(2)		Must submit parts A and B at least 180 days before construction is expected to commence				
G-11	270.10(f)(3)		Construction of an incinerator of PCBs ...				
<b>Updating permit applications</b>							
G-12	270.10(g)(1)		Amendment to part A (when part B has not yet been filed) (i) File with the Regional Administrator for new wastes (ii) File with the State Director for new wastes (iii) As necessary for compliance with 270.72				

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G-13	270.10(h)		<b>Reapplications</b> - 180 days before the expiration of the existing permit				
G-14	270.10(i)		<b>Recordkeeping</b> - for at least 3 years				
<b>Exposure information</b>							
G-15	270.10(j)(1)		Re: surface impoundments and landfills, submittal of part B after 8/8/85, must have information on public exposure from releases, including: (i) Potential releases associated with normal operations, including transportation (ii) Pathways of human exposure from such releases (iii) Potential magnitude and nature of human exposure from such releases				
G-16	270.10(j)(2)		If part B submitted before 8/8/85, must submit exposure information required above, (j)(1)				
G-17	270.10(k)		<b>Submittal of information to establish permit conditions under 270.32(b)(2) and 270.50(d)</b>				
<b>SIGNATORIES TO PERMIT APPLICATIONS AND REPORTS - 270.11</b>							
<b>Applications - signatures</b>							
S-1	270.11(a)(1)		For a corporation (i) President, secretary, treasurer, or vice-president; or (ii) Manager (w/authority to sign) of a facility with more than 250 employees or annual sales of more than \$25 million				
S-2	270.11(a)(2)		For a partnership or sole proprietorship: by a general partner or proprietor				
S-3	270.11(a)(3)		For a municipality, State, Federal, or other public agency (i) Chief executive officer of the agency or (ii) Senior executive officer				

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S-4	270.11(b)		Reports signed by a person described in (a) or an authorized representative of that person if:				
S-5	270.11(b)(1)		A written authorization by a person described in (a)				
S-6	270.11(b)(2)		An authorization for a position responsible for the overall operation				
S-7	270.11(b)(3)		Submittal of a written authorization				
S-8	270.11(c)		Change to authorization for signing reports				
S-9	270.11(d)		Certification for signature (see cite)				
I-1	<b>270.12(a)</b>		<b>CONFIDENTIALITY OF INFORMATION:</b> (a) "confidential business information" stamped on each page containing such information.				
I-2	270.12(b)		Claims for confidentiality of the name and address of any permit applicant or permittee will be denied.				
A-00	<b>270.13</b>		<b>CONTENTS OF PART A OF THE PERMIT APPLICATION - 270.13</b>				
		<b>SUBCHAPTER 11</b>	<b>ADDITIONAL PERMIT PROCEDURES</b>				
AP-1		11-1 Emergency plans relating to affected property owners	(a) Applicants for new proposed off-site TSD or disposal sites are required to prepare a separate Emergency Plan in addition to the plans required by 40 CFR 264 Subpart D. This Emergency Plan shall the criteria of 40 CFR 264 Subpart D but shall specifically relate to each parcel.				

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AP-2		11-1(b) <i>For the purposes of these rules, a parcel of land owned by one or more affected property owners is a present possessory fee simple estate in land, excluding future interests.</i>	(1) All discrete parcels are required to be counted equally. (2) Owner required to represent the approval or disapproval of the Emergency Plan on behalf of the parcel for purposes of the OHWMA. (3) A calculation of approval or disapproval of the Emergency Plan by majority of the affected property owners is required. (4) Approval or disapproval of the Emergency Plan by an affected property owner does not signify approval or disapproval of the technical aspects of the facility.				
AP-3		11-1(c)	An applicant must submit to the ODEQ the written approval of the Emergency Plan form the affected property owners.				
AP-4		11-1(d)	Within forty-five days of the application, affected property owners must specify reasons for non-approval of the Emergency Plan.				
AP-5		11-1(e)	Area of affected property owners is determined by measuring one-mile from the perimeter of the site as specified in the permit application.				
AP-6		<b>11-2 Exclusionary siting criteria</b>	<b>(a) Ground-water resources and recharge areas.</b>				
AP-7		11-2(a)(1)	<b>Presumption of unapprovable site.</b> Proposed locations lying within areas designated as unconsolidated alluvial aquifers or terrace deposit aquifers or bedrock aquifers or recharge areas as shown on Sheets 1 and 2 of "Maps Showing Principal Ground Water Resources and Recharge Areas in Oklahoma" shall be presumed to be unapprovable. Certification of notifying affected property owners				

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AP-8		11-2(a)(2)	<p><b>Rebuttal of presumption.</b></p> <p>The applicant may rebut the presumption by submitting hydrologic and geological data sufficient to demonstrate that the proposed location does not lie within a prohibited area.</p>				
AP-9		11-2 (a)(3)	<p><b>ODEQ reliance upon Oklahoma Geological Survey.</b></p> <p>In determining whether a proposed location lies within a prohibited area, the ODEQ will rely upon a review by the Oklahoma Geological Survey.</p>				
AP-10		11-2 (a)(4)	<p><b>Site-specific information.</b></p> <p>The ODEQ may require site-specific hydrological and geological information for proposed facility locations outside a designated principal ground-water resource or discharge area where there is reason to believe that the proposed location may be unsuitable due to localized ground-water conditions.</p>				
AP-11		11-2(a)(5)	<p><b>Ground-water protection plan.</b></p> <p>In determining whether a ground-water protection plan with financial assurance is required for an on-site facility pursuant to 27A O.S. § 2-7-111(B), the procedures used in subsections (1)-(4) of this section shall be used.</p>				

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					YES/NO/NA	YES/NO/NA	
AC-0		11-2(a)(6)	<p><b>Existing facilities.</b></p> <p>Existing facilities in these areas may continue to operate and may modify or expand their operations to the extent permitted by 27A O.S. § 2-7-111.</p>				
AC-1		11-2(b)	<p><b>Water wells.</b></p> <p>The ODEQ shall not grant a permit for a new hazardous waste disposal facility proposed to be located within one-quarter mile of any public or private water supply well except private water supply wells on the applicant's property. Water supply wells that are demonstrated by the applicant to be permanently abandoned may be plugged upon a demonstration that the applicant has the right to plug them. The applicant shall notify the ODEQ that the abandoned water wells have been plugged. If abandoned water wells are identified by the applicant during the preparation of his application or during the permit process, the applicant shall notify the ODEQ so that these wells can be included in the Class V well inventory.</p>				
AC-2		11-2(c)	<p><b>Flood plain.</b></p> <p>No permit or modification of an existing permit which includes disposal of hazardous waste within a one-hundred-year flood plain shall be granted, except for post-closure or corrective action. For existing facilities, this modification prohibition applies only to land disposal units and to modifications of such units which would increase disposal rates or designate new areas for disposal.</p>				
AC-3		11-2(d)	<p><b>Surface water.</b></p> <p>No permit shall be granted for a new hazardous waste disposal facility proposed to be located within one mile of the conservation pool elevation of any reservoir which supplies water for a public water supply or within one mile off any scenic river.</p>				

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AC-4		11-2(e)	<b>Air pollution.</b> No permit shall be granted for a new off-site hazardous waste disposal facility proposed to be located within one mile of any public school, educational institution, nursing home, hospital or public park.				
AC-5		11-2(f)	The Hazardous Waste Management Act also contains exclusionary siting criteria. See 27A O.S. § 2-7-111(B) and (C)(1) and § 2-7-114, as amended.				
AC-6		11-3	<b>Upgrades of county roads and bridges.</b> The owner/operator shall submit a certificate of acceptance of the completed upgrades by the appropriate board(s) of county commissioners or the Oklahoma Department of Transportation, as appropriate, pursuant to 27A O.S. § 2-7-115(B)(2).				
<b>GENERAL REQUIREMENTS FOR CONTENTS OF PART B APPLICATION - 270.14</b>							
General Information							
B-1	270.14(b)(1)		General description of the facility				
B-2	270.14(b)(2)		Chemical and physical analyses of hazardous wastes				
B-3	270.14(b)(3)		A copy of waste analysis plan				
B-4	270.14(b)(4)		A description of security measures				
B-5	270.14(b)(5)		A copy of the general inspection schedule				
B-6	270.14(b)(6)		Justification of requests for a waiver of preparedness and prevention				
B-7	270.14(b)(7)		A copy of the contingency plan				

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					YES/NO/NA	YES/NO/NA	
B-8	270.14(b)(8)		Safety procedures, equipment, construction to prevent: (i) Hazard in unloading operations (ii) Runoff from HW areas (iii) Contamination of water supplies (iv) Effects of equipment/power failure (v) Exposure of personnel to HW (vi) Releases to atmosphere				
B-9	270.14(b)(9)		Prevention of accidental ignition, reaction of ignitable, reactive or incompatible wastes				
B-10	270.14(b)(10)		Traffic pattern information				
B-11	270.14(b)(11)		Facility location information (i) Identification of political jurisdiction (ii) Compliance with seismic standard (if located in areas listed in 264 appendix VI) (A) No faults within 3,000 ft, data based from: (1) Published geologic studies (2) Aerial reconnaissance of a 5-mile radius (3) Aerial analysis of a 3,000-foot radius (4) If needed, reconnaissance walking within 3,000-foot radius (B) Faults ... (iii) Identification of 100-year floodplain (iv) Requirements if located within 100-year floodplain ... (v) Compliance schedule for existing facilities NOT in compliance with 264.18(b)				
B-12	270.14(b)(12)		Training programs in compliance with 264.16				
B-13	270.14(b)(13)		A copy of the closure plan and, if applicable, post-closure plan				
B-14	270.14(b)(14)		Documentation filed (required under 264.119) for closed units				
B-15	270.14(b)(15)		Closure estimates (required under 264.142) and financial assurance (required under 264.143)				

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					YES/NO/NA	YES/NO/NA	
B-16	270.14(b)(16)		The most recent post-closure estimates (required under 264.144) and financial assurance (required under 264.145), where applicable				
B-17	270.14(b)(17)		Insurance policy or other documentation in compliance with 264.147, where applicable				
B-18	270.14(b)(18)		Coverage by a State financial mechanism in compliance with 264.149 and 264.150, where appropriate				
B-19	270.14(b)(19)		A 1" = 200 ft topographic map with contours showing 1000 ft around the facility and: (i) Map scale and date (ii) 100-year floodplain (iii) Surface waters (iv) Surrounding land uses (v) Wind rose (vi) Orientation of the map (vii) Legal boundaries of the facility (viii) Access control (ix) Injection and withdrawal wells both on and off-site (x) Buildings, structures (xi) Barriers for drainage or flood control (xii) Location of operational units				
B-20	270.14(b)(21)		Notice of approval of petition for extension for land disposal facilities, if applicable				
<b>Additional information</b>							
B-21	270.14(c)(1)		A summary of groundwater monitoring data during interim status (under 265.90 - 94), where applicable				
B-22	270.14(c)(2)		Identification of the uppermost aquifer, hydraulically connected aquifers, flow direction and rate, and basis for such identification				

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B-23	270.14(c)(3)		On the topo map, a delineation of the waste management area, property boundary, the proposed point of compliance (264.95), proposed GW monitoring wells (264.97), and info from 270.14(c)(2)				
B-24	270.14(c)(4)		Description of any plume of contamination from a regulated unit: (i) The extent of the plume on the topo map (ii) Identification of concentrations of constituents in Appendix IX of 264				
B-25	270.14(c)(5)		A detailed GW monitoring program with engineering report (264.97)				
B-26	270.14(c)(6)		If a hazardous constituent has <u>not been detected</u> at time of application, establish a <u>detection monitoring program</u> (264.98): (i) Indicator parameters, waste constituents (ii) A proposed groundwater monitoring system (iii) Background values (iv) Proposed sampling, analysis, and statistical procedures				
B-27	270.14(c)(7)		If a hazardous constituent has <u>been detected</u> at time of application, establish a <u>compliance monitoring program</u> (264.99): (i) A description of wastes previously handled (ii) A characterization of the contaminated GW (iii) A list of hazardous constituents (264.97 & 264.99) (iv) Proposed concentration limits (264.94(a)) or justification for alternate limits (v) A proposed GW monitoring system (vi) Proposed sampling, analysis, and statistical procedures (vii) A proposed Engineering Feasibility Plan for corrective action				

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					YES/NO/NA	YES/NO/NA	
B-28	270.14(c)(8)		If hazardous constituents have <u>exceeded</u> concentration limits (Table 1, 264.94) or background values, establish a <u>corrective action program</u> (264.100): (i) A characterization of contaminated GW (ii) Concentration limits (264.94) (iii) A detailed corrective action program and engineering report (iv) Demonstration of adequacy of the corrective program				
<b>Information on SWMUs</b>							
B-29	270.14(d)(1)		Information requirements for SWMUs: (i) Location of the unit on the topo map (ii) Designation of type of unit (iii) Dimensions and structural description (iv) When the unit was operated (v) Specification of all wastes at the unit				
B-30	270.14(d)(2)		Information on HW release from each SWMU				
B-31	270.14(d)(3)		Results of sampling and analysis of groundwater, land surface, and subsurface strata, surface water or air to determine if an RFA is needed				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR CONTAINERS - 270.15</b>							
Except as otherwise provided in 264.170, the following additional information must be provided:							
C-1	270.15(a)		Description of the containment system in compliance with 264.175				
C-2	270.15(a)(1)		Basic design parameters, dimensions, and materials of construction				
C-3	270.15(a)(2)		Showing of how design promotes drainage or keeps containers from contacting standing liquid.				
C-4	270.15(a)(3)		Capacity of the containment system relative to the number and volume of containers stored				
C-5	270.15(a)(4)		Provisions for preventing or managing run-on				

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C-6	270.15(a)(5)		Showing of how accumulated liquids can be analyzed and removed to prevent overflow				
C-7	270.15(b)		For storage areas with containers that do not contain free liquid, a showing of compliance with 264.175(c)				
C-8	270.15(b)(1)		Test procedures and results or documentation to show wastes do not contain free liquids				
C-9	270.15(b)(2)		Description of storage area design and operation to drain/remove liquid or keep containers from contacting standing liquids				
C-10	270.15(c)		Sketches, drawings, or data to show compliance with 264.176 (ignitable reactive wastes) and 264.177(c) (incompatible wastes)				
C-11	270.15(d)		Procedures in compliance with 264.177(a) & (b) and 264.17(b) & (c) for storing of incompatible wastes				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR TANK SYSTEMS - 270.16</b>							
Except as otherwise provided in 264.190, the following additional information must be provided:							
T-1	270.16(a)		A written assessment by an independent P.E. to certify the structural integrity and suitability for handling of hazardous wastes of each tank system as req. under 264.191 & 192 - 270.16(a)				
T-2	270.16(b)		Dimensions and capacity of each tank				
T-3	270.16(c)		Description of feed systems, safety cutoff, bypass systems, and pressure controls				
T-4	270.16(d)		A diagram of piping, instrumentation, and process flow for each tank system				
T-5	270.16(e)		A description of corrosion protection system as required under 264.192(a)(3)(ii)				

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T-6	270.16(f)		For new tank systems, a description of how the tank system(s) will be installed in compliance with 264.192(b),(c),(d),(e)				
T-7	270.16(g)		Detailed plans and description of the secondary containment system in compliance with 264.193(a), (b), (c), (d), (e), (f)				
<b>Variance from the requirements of 264.193</b>							
T-8	270.16(h)(1)		Detailed plans and engineering and hydrogeologic reports showing alternative safeguards				
T-9	270.16(h)(2)		A detailed assessment of hazards in event of release				
T-10	270.16(i)		Description of spill and overflow prevention as required under 264.194(b)				
T-11	270.16(j)		Description of operating procedures, tank system design, facility design for Ignitable/Reactive and incompatible wastes as required under 264.198, 199				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR SURFACE IMPOUNDMENTS - 270.17</b>							
Except as otherwise provided in 264.1, must provide the following information:							
SI-1	270.17(a)		A list of hazardous wastes to be placed in each impoundment				
SI-2	270.17(b)		Detailed plans and engineering report on design, construction, operations, and maintenance as required in 264.19, 221, 222, 223, addressing:				
SI-3	270.17(b)(1)		The liner system				
SI-4	270.17(b)(2)		The double liner and leak detection, collection, and removal system as req. under 264.221(c)				
SI-5	270.17(b)(3)		If the leak detection system is in the saturated zone, detailed plans and engineering report on the leak detection design and operation, and the location of the saturated zone in relation to the leak detection system				

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SI-6	270.17(b)(4)		The construction quality assurance plan (CQA) if required under 264.19				
SI-7	270.17(b)(5)		Proposed action leakage rate and response action plans if required under 264.222 & 223				
SI-8	270.17(b)(6)		Prevention of overtopping				
SI-9	270.17(b)(7)		Structural integrity of dikes				
SI-10	270.17(c)		The inspection program for each surface impoundment including double liner system, leak detection system, cover system, and appurtenances for control of overtopping as req. under 264.226(a),(b),(d) submitted under 270.14(b)(5)				
SI-11	270.17(d)		A certification by a qualified engineer on the structural integrity of the dikes as req. under 264.226(c)				
SI-12	270.17(e)		The procedure to remove a surface impoundment from service as req. under 264.227(b), (c) submitted under 270.14(b)(7)				
SI-12	270.17(f)		Procedure to remove hazardous waste residues and contaminated materials at closure as req. under 264.228(a)(1). For non-removed wastes, must comply with 264.228(a)(2) and (b). This information be submitted in closure and post-closure plan under 270.14(b)(13)				
SI-13	270.17(g)		Compliance with 264.229 for I/R wastes				
SI-14	270.17(h)		Compliance with 264.230 for incompatible wastes				
SI-15	270.17(i)		A waste management plan for F020 through F027 as req. under 264.231. Must address:				
SI-16	270.17(i)(1)		The volume, physical and chemical characteristics including migration potential to the environment				
SI-17	270.17(i)(2)		The attenuative properties of the underlying and surrounding soils				

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					YES/NO/NA	YES/NO/NA	
SI-18	270.17(i)(3)		The mobilizing properties of co-disposed materials				
SI-19	270.17(i)(4)		The effectiveness of additional treatment, design, or monitoring techniques				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR WASTE PILES - 270.18</b>							
Except as otherwise provided in 264.1, the following information must be provided:							
W-1	270.18(a)		<b>A list of hazardous wastes</b>				
W-2	270.18(b)		<b>If an exemption is sought, compliance with 264.90(b)(2) and 264.250(c)</b>				
W-3	270.18(c)		<b>Detailed plans and engineering reports on the design, construction, operation, and maintenance as req. under 264.19, 251, 252, and 253, addressing:</b>				
W-4	270.18(c)(1)		(i) The liner system as req. under 264.251(a) (ii) The double liner and leak detection, collection, and removal system (LCRS) as req. under 264.251(c) (iii) If the leak detection system is in the saturated zone, detailed plans and engineering report on the leak detection design and operation, and the location of the saturated zone in relation to the leak detection system (iv) The construction quality assurance plan as req. under 264.19 (v) The proposed action leakage rate and response action plan as req. under 264.252 and 264.253				
W-5	270.18(c)(2)		Control of run-on				
W-6	270.18(c)(3)		Control of run-off				
W-7	270.18(c)(4)		Management of run-on/run-off collection and holding units				
W-8	270.18(c)(5)		Control of wind dispersion				

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					YES/NO/NA	YES/NO/NA	
W-9	270.18(d)		The inspection program for each waste pile including double liner system, LCRS, cover system, and appurtenances for control of run-on and run-off as req. under 264.254(a), (b), (c)				
W-10	270.18(e)		If treatment is carried out on the pile, details of the process, equipment, and nature and quality of residue				
W-11	270.18(f)		Compliance with 264.256 for I/R wastes				
W-12	270.18(g)		Compliance with 264.257 for incompatible wastes				
W-13	270.18(h)		Closure plan as req. under 264.258(a) or 264.310(a)				
W-14	270.18(i)		A waste management plan for F020 through F027 as req. under 264.259				
W-15	270.18(i)(1)		The volume, physical, and chemical characteristics of the wastes and the potential to migrate to the environment				
W-16	270.18(i)(2)		The attenuative properties of soils				
W-17	270.18(i)(3)		The mobilizing properties of the co-disposed materials				
W-18	270.18(i)(4)		The effectiveness of additional treatment, design, or monitoring techniques				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR INCINERATORS - 270.19</b>							
Except as otherwise provided in 264.340, must fulfill the following (a), (b), or (c)							
IN-1	270.19(a)		Seeking an exemption under 264.340(b) or (c) (ignitable, corrosive, or reactive)				
IN-2	270.19(a)(1)		Documentation waste listed in 261 subpart D, solely because ignitable (Hazard Code I) or corrosive (Hazard Code C) or both, or				
IN-3	270.19(a)(2)		Documentation that waste listed in 261 subpart D, solely because reactive (Hazard Code R) for characteristics other than those listed in 261.23(a)(4) and (5) and will not be burned with other HW, or				

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					YES/NO/NA	YES/NO/NA	
IN-4	270.19(a)(3)		Documentation that waste hazardous solely for the characteristic of ignitability, corrosivity, or both, or				
IN-5	270.19(a)(4)		Documentation that waste hazardous solely for the characteristics of reactivity listed in 261.23(a)(1),(2),(3),(6),(7), or (8) and will not be burned with other HW, or				
IN-6	270.19(b)		Trial burn plan or results as req. under 270.62				
<b>In lieu of a trial burn</b>							
IN-7	270.19(c)(1)		Waste analysis, including: (i) Heat value (ii) Viscosity or physical form (iii) Organic constituents listed in 261, appendix VIII (test methods referenced in 261, appendix III) (iv) Quantification of constituents (see test methods by reference in 270.6) (v) Quantification of constituents designated as POHC's as req. under 264.343				
IN-8	270.19(c)(2)		Detailed engineering description of the incinerator, including: (i) Manufacturer's name and model (ii) Type of incinerator (iii) Dimensions (linear and x-section area) (iv) Auxiliary fuel system (type/feed) (v) Capacity of prime mover (vi) Automatic cutoff system (vii) Stack gas and pollution control monitoring systems (viii) Nozzle and burner design (ix) Construction materials (x) Temperature, pressure, and flow indicating devices and control devices				
IN-9	270.19(c)(3)		A description and analysis (specifying POHC's) of the waste to be burned. Include data in (c)(1)				

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					YES/NO/NA	YES/NO/NA	
IN-10	270.19(c)(4)		The design and operating conditions of the incinerator compared with those of trial burns				
IN-11	270.19(c)(5)		Results of trial burns, including: (i) Sampling and analysis techniques to calculate performance standards in 264.343 (ii) Methods and results of temperatures, feed rates, CO, combustion gas velocity				
IN-12	270.19(c)(6)		The expected operation information in compliance with 264.343 and 345 including: (i) CO in the exhaust (ii) Waste feed rate (iii) Combustion zone temperature (iv) Combustion gas velocity (v) Stack gas volume, flow rate, and temperature (vi) Residence time (vii) Hydrochloric acid removal efficiency (viii) Fugitive emissions and control procedures (ix) Feed cut-off limits based on operating parameters				
IN-13	270.19(c)(7)		Supplemental information necessary to achieve the purposes of this paragraph				
IN-14	270.19(c)(8)		Waste analysis data (permit POHC's)				
<b>Approval of permit without a trial burn if:</b>							
IN-15	270.19(d)(1)		Wastes are sufficiently similar				
IN-16	270.19(d)(2)		Incinerator units are sufficiently similar and data from other trial burns are adequate to specify (under 264.345) operating conditions will meet performance standards (under 264.343)				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR LAND TREATMENT FACILITIES - 270.20</b>							
Except as provided in 264.1, must provide the following information:							

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					YES/NO/NA	YES/NO/NA	
LT-1	270.20(a)		Plans to conduct a treatment demonstration as req. under 264.272, must include:				
LT-2	270.20(a)(1)		Wastes for demonstration and their hazardous constituents				
LT-3	270.20(a)(2)		Data sources to be used to make demonstration				
LT-4	270.20(a)(3)		Specific lab or field test: (i) Type of test (ii) Materials and methods, inc. analytical procedures (iii) Expected time of completion (iv) Simulated characteristics: treatment zone, climatic conditions, and operating practices				
LT-5	270.20(b)		Description of land treatment program as req. under 264.271, must include:				
LT-6	270.20(b)(1)		Wastes to be treated				
LT-7	270.20(b)(2)		Design measures and operating practices as req. under 264.273(a), including: (i) Application method and rate (ii) Measures to control soil pH (iii) Enhancement of microbial or chemical reactions (iv) Control of moisture content				
LT-8	270.20(b)(3)		Monitoring unsaturated zone: (i) Sampling equipment, procedures, and frequency (ii) Procedures for selecting sampling locations (iii) Analytical procedures (iv) Chain of custody (v) Procedures for establishing background values (vi) Statistical methods for interpreting results (vii) Justification for selecting principal hazardous constituents under 264.278(a) criteria				
LT-9	270.20(b)(4)		List of hazardous constituents derived from or in wastes based on analytical procedures in 264.13				
LT-10	270.20(b)(5)		Dimensions of the treatment zone				

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					YES/NO/NA	YES/NO/NA	
LT-11	270.20(c)		Description of the design, construction, operations, and maintenance as req. under 264.273, must include:				
LT-12	270.20(c)(1)		Control of run-on				
LT-13	270.20(c)(2)		Collection and control of run-off				
LT-14	270.20(c)(3)		Minimization of run-off of hazardous constituents from the treatment zone				
LT-15	270.20(c)(4)		Management of collection and holding facilities associated with run-on and run-off control systems				
LT-16	270.20(c)(5)		Periodic inspection as included in 270.14(b)(5)				
LT-17	270.20(c)(6)		Control of wind dispersal of particulate matter				
LT-18	270.20(d)		Description of the demonstration as req. under 264.276(a) if food-chain crops are to be grown in the treatment zone, including:				
LT-19	270.20(d)(1)		Characteristics of the food-chain crop for which the demonstration will be made				
LT-20	270.20(d)(2)		Characteristics of the waste, treatment zone, and waste application method and rate				
LT-21	270.20(d)(3)		Procedures for crop growth, sample collection, sample analysis, and data evaluation				
LT-22	270.20(d)(4)		Characteristics of the comparison crop including the location and conditions				
LT-23	270.20(e)		Compliance with requirements under 264.276(b) if food-chain crops are to be grown and cadmium is present				
LT-24	270.20(f)		Description of the vegetative cover and its post-closure care as req. under 264.280(a)(8) and (c)(2). Submittal under 270.14(b)(13)				
LT-25	270.20(g)		Compliance with 264.281 if I/R wastes will be placed in the treatment zone				

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					YES/NO/NA	YES/NO/NA	
LT-26	270.20(h)		Compliance with 264.282 if incompatible wastes will be placed in the treatment zone				
LT-27	270.20(i)		Waste management plan for F020 through F027 and description of the design, construction, operations, and maintenance as req. under 264.283. Must address:				
LT-28	270.20(i)(1)		Volume, physical, and chemical characteristics, including the potential to migrate to the environment				
LT-29	270.20(i)(2)		Attenuative characteristics of the soils				
LT-30	270.20(i)(3)		Mobilizing properties of co-disposed materials				
LT-31	270.20(i)(4)		Effectiveness of additional treatment, design, or monitoring techniques.				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR LANDFILLS - 270.21</b>							
Except as otherwise provided in 264.1, the following information must be provided:							
LF-1	270.21(a)		List of hazardous wastes				
LF-2	270.21(b)		Plans and engineering report on the design, construction, operations, and maintenance as req. under 264.19, 301, 302, and 303, addressing:				
LF-3	270.21(b)(1)		(i) the liner system as req. under 264.301(a) or an exemption as req. under 264.301(b) (ii) The double liner and leachate detection, collection, and removal as req. under 264.301(c) or an exemption as req. under 264.301(d),(e), or (f) (iii) Plans and engineering report if the leak detection is located in the saturated zone (iv) The construction quality assurance plan as req. under 264.19 (v) The proposed action leakage rate (264.302) and response action plan (264.303)				

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					YES/NO/NA	YES/NO/NA	
LF-4	270.21(b)(2)		Control of run-on				
LF-5	270.21(b)(3)		Control of run-off				
LF-6	270.21(b)(4)		Management of collection and holding facilities associated with run-on and run-off control systems				
LF-7	270.21(b)(5)		Control of wind dispersal				
LF-8	270.21(c)		Inspection of each landfill, including the double liner system, LCRS, leak detection, cover system, appurtenances for control of run-on and run-off as req. under 264.303(a),(b) and (c). This information to be submitted under 270.14(b)(5)				
LF-9	270.21(d)		Description of the proposed inspection of each landfill, including the liner and cover systems as req. under 264.303(a),and (b). Inspection plan to be submitted under 270.14(b)(5)				
LF-10	270.21(e)		Plans and engineering report on the final cover at closure as req. under 264.310(a), and maintenance and monitoring after closure as req. under 264.310(b). This information be submitted under 270.14(b)(13)				
LF-11	270.21(f)		If I/R wastes to be landfilled, explanation of compliance with 264.312				
LF-12	270.21(g)		If incompatible wastes to be landfilled, explanation of compliance with 264.313				
LF-13	270.21(i)		If containers of HW are to be landfilled, explanation of compliance with 264.315 or 316				
LF-14	270.21(j)		Waste management plan for F020 through F027 and description of the design, construction, operations, and maintenance as req. under 264.317. Must address:				
LF-15	270.21(j)(1)		Volume, physical and chemical characteristics, and potential to migrate to the environment				
LF-16	270.21(j)(2)		Attenuative properties of soils				

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					YES/NO/NA	YES/NO/NA	
LF-17	270.21(j)(3)		Mobilizing properties of co-disposed materials				
LF-18	270.21(j)(4)		Effectiveness of additional treatment, design, and monitoring techniques				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR BOILERS AND INDUSTRIAL FURNACES - 270.22</b>							
<b>Trial burns</b>							
BF-1	270.22(a)(1)		<i>General.</i> Subject to standards by 266.104, 105, 106, and 107 and plan and results of a trial burn as req. under 270.66 (i) Waiver of trial burn under 266.104 through 107 and (a)(2) through (5) of this section (ii) Submittal of data in lieu of a trial burn as prescribed in (a)(6) of this section				

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					YES/NO/NA	YES/NO/NA	
BF-2	270.22(a)(2)		<p><i>Waiver of trial burn for DRE</i></p> <p>(i) Boilers operated under special operating requirements by 266.110</p> <p>(ii) Boilers and industrial furnaces burning low risk waste provided by 266.104(a)(5) and 266.109(a), must submit:</p> <p>(A) Documentation that the device is operated as req. under 266.109(a)(1)</p> <p>(B) Results of analyses of each waste to be burned, documenting non-metal compounds in appendix VIII of 261. Identification and basis for constituents excluded from the analysis. Analysis techniques in Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (see 260.11)</p> <p>(C) Documentation of firing rates and calculations of worst-case emission rates for each constituent in (a)(2)(ii)(B) using procedures in 266.109(a)(2)(ii)</p> <p>(D) Results of dispersion modeling for emissions in (a)(2)(ii)(C) using procedures in 266.106(h). Director is to approve the modeling or recommend an alternate method</p> <p>(E) Documentation that the maximum annual average ground level concentration of each constituent in (a)(2)(ii)(B) in conformance with (a)(2)(ii)(D) does not exceed the allowable ambient level in appendices IV or V of 266. For levels not established, use 0.1 micrograms per cubic meter.</p>				

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					YES/NO/NA	YES/NO/NA	
BF-3	270.22(a)(3)		<p><i>Waiver of trial burn for metals</i> Under Tier I (or adjusted Tier I) metals feed rate screening limits by 266.106(b) and (e), must submit:</p> <ul style="list-style-type: none"> <li>(i) Feed rate of HW and other fuels, and industrial furnace feed stocks</li> <li>(ii) Concentration of each metal controlled by 266.106(b) or (e), and calculations of the total feed rate</li> <li>(iii) Documentation that Tier I feed rate screening limits by 266.106(b) or (e) will not be exceeded during the averaging period</li> <li>(iv) Determination of the terrain-adjusted effective stack height, good engineering practice stack height, terrain type, and land use by 266.106(b)(3) through (5)</li> <li>(v) Documentation of compliance with 266.106(b)(6) for multiple stacks</li> <li>(vi) Documentation of no failure of criteria in 266.106(b)(7) for eligibility to comply with screening limits</li> <li>(vii) Sampling and metals analysis plan for the HW, other fuels, and industrial furnace feed stocks</li> </ul>				
BF-4	270.22(a)(4)		<p><i>Waiver of trial burn for particulate matter</i> Under the low risk waste by 266.109(b), must submit documentation supporting conformance with (a)(2)(ii) and (a)(3)</p>				

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					YES/NO/NA	YES/NO/NA	
BF-5	270.22(a)(5)		<p><i>Waiver of trial burn for HCl and Cl<sub>2</sub></i> Under the Tier I (or adjusted Tier I) feed rate screening limits by 266.107(b)(1) and (e), must submit:</p> <ul style="list-style-type: none"> <li>(i) Feed rate of HW and other fuels, and industrial furnace feed stocks</li> <li>(ii) Levels of total chloride and chlorine and calculations of the total feed rate</li> <li>(iii) Documentation that Tier I feed rate screening limits by 266.107(b) or (e) will not be exceeded during the averaging period</li> <li>(iv) Determination of the terrain-adjusted effective stack height, good engineering practice stack height, terrain type, and land use by 266.107(b)(3)</li> <li>(v) Documentation of compliance with 266.107(b)(4) for multiple stacks</li> <li>(vi) Documentation of no failure of criteria in 266.107(b)(3) for eligibility to comply with screening limits</li> <li>(vii) Sampling and analysis plan for total chloride and chlorine for the HW, other fuels, and industrial furnace feed stocks</li> </ul>				

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					YES/NO/NA	YES/NO/NA	
BF-6	270.22(a)(6)		<p><i>Data in lieu of trial burn</i> Providing information required by 270.66 from previous compliance testing in conformance with 266.103, or from trial burns of similar devices burning similar wastes under similar conditions in conformance with 266.102(c). In addition, submit:</p> <p>(i) For a waiver of any trial burn:</p> <p>(A) A description and analysis of the HW to be burned compared with HW of the compliance testing</p> <p>(B) The design and operating conditions of the furnace compared with that of the comparative burn</p> <p>(C) Supplemental information</p> <p>(ii) For a waiver of the DRE trial burn - basis for selection of POHCs used in comparative burns in compliance with DRE standard in 266.104(a). The analysis should specify constituents in appendix VIII of 261</p>				
<i>Alternate HC limit (under 266.104(f)) for industrial furnaces with organic matter in raw materials, submit:</i>							
BF-7	270.22(b)(1)		Documentation of design and operation to minimize HC emissions				
BF-8	270.22(b)(2)		Baseline flue gas HC (and CO) concentration and levels under normal conditions when burning and not burning HW				
BF-9	270.22(b)(3)		Test burn protocol				
BF-10	270.22(b)(4)		<p>Trial burn plan to:</p> <p>(i) Demonstrate flue gas HC (and CO) when burning HW do not exceed the base line</p> <p>(ii) Identify the types and concentrations of organic compounds listed in appendix VIII of 261 emitted when burning HW</p>				
BF-11	270.22(b)(5)		Plan to monitor over time changes in the operation to reduce the baseline and procedures to periodically confirm the base line				

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					YES/NO/NA	YES/NO/NA	
BF-12	270.22(b)(6)		Other necessary information				
BF-13	270.22(c)		<i>Alternate metals implementation approach</i> (under 266.106(f)) in compliance with 266.106(c) or (d). How the approach is to be implemented and monitored				
BF-14	270.22(d)		<i>Automatic waste feed cutoff system</i> including pre-alarm systems				
BF-15	270.22(e)		<i>Direct transfer</i> submit information to conform with 266.111				
BF-16	270.22(f)		<i>Residues</i> submit information to conform with 266.112				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR MISCELLANEOUS UNITS - 270.23</b>							
Except as otherwise provided in 264.600, the following information must be provided:							
M-1	270.23(a)		Description of the unit:				
M-2	270.23(a)(1)		Physical characteristics, materials of construction, and dimensions of the unit				
M-3	270.23(a)(2)		Plans and engineering reports on the location, design, construction, operations, maintenance, monitoring, inspection, and closure to comply with 264.601 and 602				
M-4	270.23(a)(3)		Plans to comply with post-closure requirements of 264.603, if applicable				
M-5	270.23(b)		Detailed hydrologic, geologic, and meteorologic assessments and land-use maps in compliance with 264.601				
M-6	270.23(c)		Information on the potential exposure to humans or the environment, the potential magnitude and nature of such exposures				
M-7	270.23(d)		Report on effectiveness of the treatment				

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					YES/NO/NA	YES/NO/NA	
M-8	270.23(e)		Any additional information to comply with 264.601				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR PROCESS VENTS - 270.24</b>							
Except as otherwise provided in 264.1, process vents subject to subpart AA of 264 must provide the following information:							
V-1	270.24(a)		For facilities that can not timely comply with 264 subpart AA, implementation schedule as specified in 264.1033(a)(2)				
V-2	270.24(b)		Documentation of compliance with 264.1032, including:				
V-3	270.24(b)(1)		Data on all affected process vents, their annual throughput and operating hours, the individual and total emission rate, and their locations.				
V-4	270.24(b)(2)		Data on vent emissions and emission reductions				
V-5	270.24(b)(3)		Data used in determination if a process vent is subject to 264.1032				
V-6	270.24(c)		When use a control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system, <u>and</u> use test data to determine the organic removal efficiency or the total organic compound concentration, submit a performance test plan as specified in 264.1035(b)(3)				
V-7	270.24(d)		Documentation of compliance with 264.1033, including:				
V-8	270.24(d)(1)		List of references and sources to prepare the documentation				
V-9	270.24(d)(2)		Records, including dates, of each compliance test as req. by 264.1033(k)				

Facility Name _____ Reference No. _____
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ITEM #	FEDERAL REGULATIONS 40 CFR	STATE REGULATIONS OAC 252:205	GENERAL DESCRIPTION	INFO LOCATION	ADMIN. COMPLETE	TECHNICALLY COMPLETE	REMARKS
					YES/NO/NA	YES/NO/NA	
V-10	270.24(d)(3)		Design analysis, specifications, drawings, schematics, and piping and instrumentation diagrams (260.11) or other acceptable engineering texts presenting basic control device design information. Must address the vent stream characteristics and control device operation parameters as specified in 264.1035(b)(4)(iii)				
V-11	270.24(d)(4)		A statement signed and dated, certifying that the operating parameters in design represent the conditions when the HW management unit would be operating at the highest capacity.				
V-12	270.24(d)(5)		A statement signed and dated, certifying that the control device is designed to operate at a minimum 95 weight percent efficiency unless the total organic emission limits of 264.1032(a) can be attained by a control device involving vapor recovery less than 95 weight percent efficiency				
<b>SPECIFIC PART B INFORMATION REQUIREMENTS FOR EQUIPMENT - 270.25</b>							
Except as otherwise provided in 264.1, equipment subject to subpart BB of 264, must provide the following information:							
For each piece of equipment subject to 264 subpart BB:							
E-1	270.25(a)(1)		Equipment ID and HW management unit ID numbers				
E-2	270.25(a)(2)		Location within the facility				
E-3	270.25(a)(3)		Type of equipment				
E-4	270.25(a)(4)		Percent by weight total organics				
E-5	270.25(a)(5)		Hazardous waste state at equipment				
E-6	270.25(a)(6)		Compliance method (e.g., monthly leak detection and repair or dual mechanical seals)				

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					YES/NO/NA	YES/NO/NA	
E-7	270.25(b)		For facilities that can not timely comply with 264 subpart BB, an implementation schedule as specified in 264.1033(a)(2)				
E-8	270.25(c)		When use a control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system, <u>and</u> use test data to determine the organic removal efficiency or the total organic compound concentration, submit a performance test plan as specified in 264.1035(b)(3)				
E-9	270.25(d)		Documentation of compliance with 264.1052 through 1059 containing records req. under 264.1064				
E-10	270.25(e)		Documentation of compliance with 264.1060, including:				
E-11	270.25(e)(1)		References and sources to prepare the documentation				
E-12	270.25(e)(2)		Records and dates of compliance test as req. under 264.1033(j)				
E-13	270.25(e)(3)		Design analysis, specifications, drawings, schematics, and piping and instrumentation diagrams (260.11) or other acceptable engineering texts presenting basic control device design information. Must address the vent stream characteristics and control device operation parameters as specified in 264.1035(b)(4)(iii)				
E-14	270.25(e)(4)		A statement signed and dated, certifying that the operating parameters in design represent the conditions when the HW management unit would be operating at the highest capacity.				
E-15	270.25(e)(5)		A statement signed and dated, certifying that the control device is designed to be operated at a minimum 95 weight percent efficiency				

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					YES/NO/NA	YES/NO/NA	
<b>SPECIAL PART B INFORMATION REQUIREMENTS FOR DRIP PADS - 270.26</b>							
Except as otherwise provided in 264.1, the following information must be provided:							
D-1	270.26(a)		List of hazardous wastes				
D-2	270.26(b)		Plans and engineering report as required by 264.90(b)(2) if an exemption is sought (264 subpart F, 264.90)				
D-3	270.26(c)		Plans and engineering report on the design, construction, operations, and maintenance as req. under 264.573 including as-built drawings and specs. Must address requirements of 264.571, including:				
D-4	270.26(c)(1)		Design characteristics				
D-5	270.26(c)(2)		Liner system				
D-6	270.26(c)(3)		Leakage detection system, including detection of failure or fluid accumulation				
D-7	270.26(c)(4)		Maintenance practices				
D-8	270.26(c)(5)		Collection system				
D-9	270.26(c)(6)		Control of run-on				
D-10	270.26(c)(7)		Control of run-off				
D-11	270.26(c)(8)		Removal interval of drippage/materials from the collection system and a statement demonstrating such interval be sufficient to prevent overflow				
D-12	270.26(c)(9)		Procedures and documentation of cleaning the drip pad once every 7 days				
D-13	270.26(c)(10)		Operating practices and procedures to ensure the tracking of HW and the minimization of waste off the drip pad				

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ITEM #	FEDERAL REGULATIONS 40 CFR	STATE REGULATIONS OAC 252:205	GENERAL DESCRIPTION	INFO LOCATION	ADMIN. COMPLETE	TECHNICALLY COMPLETE	REMARKS
					YES/NO/NA	YES/NO/NA	
D-14	270.26(c)(11)		Procedures to ensure that treated woods are held on the drip pad until the cessation of drippage, including recordkeeping practices				
D-15	270.26(c)(12)		Provisions to ensure the collection and holding units are emptied or managed ASAP after storms				
D-16	270.26(c)(13)		If treatment is at the drip pad, state the equipment used, and the nature and quality of residuals				
D-17	270.26(c)(14)		Description of the inspection of each drip pad, including appurtenances for control of run-on and run-off, to meet 264.573				
D-18	270.26(c)(15)		A certification by a P.E. that the drip pad design meets 264.573(a) through (f)				
D-19	270.26(c)(16)		Removal of residues/contaminants at closure to meet 264.575(a). Compliance plan as req. under 264.310(a) and (b) for non-removal waste after closure. This information should be included in the closure and post-closure plans under 270.14(b)(13)				

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