

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.10(d) and 270.13		Part A Requirements						
270.13(g)		- Statement that facility is new or existing	✓				11-2	
270.13(g)		- Statement that application is first or revised	✓				J-B	
270.13(m)		- Description of business conducted	✓				X	
270.13(c)		- SIC Codes	✓				IX	
270.13(a)		- Description of activities requiring permit	✓				VI	
270.13(b)		- Facility: Name	✓				II	
270.13(b)		- Mailing Address	✓				IV	
270.13(b)		- Location	✓				III-A	
270.13(b)		- Latitude and Longitude	✓				III-C	
270.13(h)(1)		- Scale drawing (existing facility only)	✓				Fig. A2-B	
		- Sufficient detail	✓				"	
270.13(l)		- Topographic Map	✓				Fig. A2-B	
		- Sufficient detail	✓				"	
270.13(l)		- Other map	✓				Fig. A3-23	
		- Sufficient detail	✓				"	
270.13(h)(2)		- Photographs (existing facilities only)	✓				Fig. A4-1, 2	
		- Sufficient detail	✓				"	
270.13(e)		- Owner: Name	✓				VIII-A	
		- Address	✓				↓	
		- Telephone	✓				↓	
270.13(d)		- Operator: Name	✓				VII	
		- Address	✓				↓	
		- Telephone	✓				↓	

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Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.13(d)		- Identification of facility ownership status and status as Federal, State, private, public, or other entity	✓				VIII - B	
270.13(f)		- Statement that facility is or is not on Indian lands	✓				III - B	
270.13(k)		- Listing of all permits and construction approvals received/applied for	✓				X	
270.13(j)		- List of 40 CFR 261 wastes and annual amounts to be handled	✓				XIV	
270.13(i)		- Description of all processes to be used to handle wastes and design capacity of each process	✓				XII, XIII	
Part A Certification and Signatories								
270.11(d)		- Certification paragraph	✓				XVIII	
270.11(a)		- Appropriate signatory	✓				XVII	

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14		Part B General Information Requirements						
270.14(b)(1)		- General description of the facility	✓	-			Ch. B, C-1, E-3	
270.14(b)(2)	264.13(a)	- Chemical and physical analysis of hazardous wastes to be handled					C-1, D-9b	
270.14(b)(3)		- Waste analysis plan	✓				C-1	
	264.13(b)(1)-(5)	1 - Analysis parameters with rationale	✓				C-2, 3, 4, p C-64, Table C-2	
		2 - Test methods for analyzing parameters	✓				C-4, p C-241, Table C-56C-8	
		3 - Procedure for collecting representative samples					C-4	
		4 - Frequency of analyses	✓				C-2, C-182	
		5 - List and description of waste analyses to be generator supplied	✓				C-3, 5, C-211 C-4, C-212	
	264.13(b)(6) and 264.17(c)	- Waste analysis procedures for ignitable, reactive, incompatible wastes				N/A		
	264.13(c)	- Procedures to determine identity of each waste movement	✓				C-5, p C-361	
		- Procedures for collecting representative samples				N/A		
270.14(b)(4)		- Security description for active portion of facility					Ch E-1	
	264.14(a)	- Security procedures waiver justification				N/A		
		- Unknowing/unauthorized contact with waste not harmful				N/A		
		- Unknowing/unauthorized disturbance of waste or equipment cannot cause violation of Part 264				N/A		

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b)(4)	264.14(b)	- Description of 24-hour surveillance system	✓				F-1a(1)	p F-2
		- Description of artificial or natural barriers	✓				F-1a(2)	"
		- Description of controlled entry/egress procedures	✓				F-1a(2)	"
	264.14(c)	- Description of warning signs	✓				F-1a(3)	Fig F-2
		- List of languages on signs	✓				(p F-3
		- Statement of 25-foot legibility	✓					
		- Description of sign locations and numbers of signs	✓					
270.14(b)(5)	264.15	- General Inspection Schedule and Procedures Description	✓				V-9e(2), F-2	p F-3
	264.15(b)(1)	- Written schedule	✓				F-2	Table F-1 p F-23
	264.15(b)(2) and 265.15(d)	- Statement as to where, at facility, inspection schedule and inspection records will be kept	✓				F-2	p F-4
	264.15(b)(1)	- Identification of equipment/processes to be inspected	✓				Table F-1	
	264.15(b)(3)	- Identification of types of problems each equipment/process to be checked for	✓				Table F-1 F-2a(1)	p F-5
	264.15(b)(4)	- Frequency of inspections by equipment/process	✓				Table F-1 F-2a(2)	
	264.15(c)	- Schedule of remedial action	✓				F-2	p F-4
	270.14(b)(5) and 270.17(d)	264.15(a) and 264.226	- Specific Inspection Requirements for Surface Impoundments				N/A	F-2b(4)
- Description of procedures for								
		- Inspection of liners/covers during and immediately after installation						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b)(5) and 270.17(d)	264.15(a) and 264.226	- Inspections weekly and after storms for				N/A		
		- Operation of overtopping controls						
		- Sudden drop in impoundment liquid level						
		- Presence of liquid in leak detection system						
		- Integrity of dikes/containment devices						
		- Statement from qualified engineer that structural integrity of dikes will be certified upon construction completion						
		- Qualified engineer's certification of dike integrity for						
		- Stress						
		- Piping/scouring						
270.14(b)(5) and 270.18(e)	264.15(a) and 264.254	- Specific Inspection Requirements for Waste Piles					F-264.15(a)	
		- Description of procedures for						
		- Inspection of liners/covers during and immediately after installation						
		- Inspections weekly and after storms for						
		- Operation of run-on/run-off controls						
		- Liquids in leak detection system						
		- Proper functioning of wind dispersal controls						
		- Leachate in and proper operation of leachate collection/removal system						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments	
270.14(b)(5) and 270.20(c)(5)	264.15(a) and 264.273(g)	- Specific Inspection Requirements for Land Treatment Units				N/A	F-26(7)		
		- Description of procedures for units inspections weekly and after storms for							
		- Operation of run-on/run-off controls							
		- Function of wind dispersal controls							
270.14(b)(5) and 270.21(d)	264.15(a) and 264.303	- Specific Inspection Requirements for Landfills					F-26(6)		
		- Description of procedures for							
		- Inspection of liners/covers during and immediately after installation							
		- Inspections weekly and after storms for							
		- Operation of run-on/run-off controls							
		- Liquids in leak detection system							
		- Proper functioning of wind dispersal controls							
		- Leachate in and proper operation of leachate collection/removal system							
270.14(b)(6)	Part 264 Subpart C	- Preparedness and Prevention Documentation					F-3		
		- Waiver(s) request and justification				N/A			
		264.32(a)	- Description of internal communications/alarm system(s)	✓				F-3a(1) p F-74	
		264.34(a)	- Documentation of personnel access to internal communication/alarm system(s)	✓				F-3a(1) p F-9	
		264.32(b)	- Description of external communications/alarm system(s)	✓				F-3a(2) p F-94	
264.34(b)	- Documentation of personnel access to external communications/alarm system(s)	✓				F-3a(2) p F-94			

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b)(6)	264.32(c)	- Description of fire control/ extinguishing, spill control, and decontamination equipment	✓				F-36(3)	Table G-3, Figures G-5, 6, 7
	264.32(d)	- Documentation of adequate water volume and pressure for above equipment	✓				F-36(4)	PF-10+
	264.33	- Documentation of equipment testing/ maintenance schedule and procedures	✓				D-30(2)	F-2 PF-3+
	264.35	- Documentation of adequate aisle space	✓				F-36	PF-1+
	264.37 (also 264.52(c))	- Documentation and descriptions of arrangements or attempts at arrangements with;	✓				G-6	PG-25+
		- Police department(s)	✓					PG-26+27
		- Fire department(s)	✓					
		- Hospitals	✓					
		- Local emergency response teams	✓					
		- State emergency response teams	✓					
		- Emergency response contractors		✓				
		- Equipment suppliers		✓				
	264.37(a)(2)	- Documentation of agreements designating primary emergency authority	✓					PG-25+26
270.14(b)(7)	Part 264 Subpart D	- Contingency Plan Documentation	✓					CH-G
	264.51 and 264.52(a)	- Criteria for implementation of contingency plan	✓					G-3, PG-5
	264.52(d)	- Emergency Coordinators Identification	✓					Table G-1, PG-34
		- Names	✓					↓
		- Addresses	✓					

Part 270	Part 264	Subject Requirement	Provided	Not-Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b)(7)		- Home/Work Phones	✓				Table G-1	
	264.55	- Documentation of Qualifications	✓				G-2 p G-4	
		- Documentation of Authority	✓				" "	
		- Description of notification procedure	✓				G-4a, p G-6	
	264.52(e)	- Emergency equipment list	✓				G-5, Table G-2	
		- Documentation of equipment location	✓				Table G-2	
		- Physical description of equipment	✓				"	
		- Statement of equipment capabilities	✓				"	
	264.52(f)	- Evacuation Plan	✓				G-7 p G-27-	
		- Criteria for implementation	✓				G-3 p G-5 (also G-4d)	
		- Description of signal(s) to implement	✓				G-4a p G-8+	
		- Description of primary and alternate routes	✓				Fig G-5	
	264.53	- Contingency Plan Copy Location	✓				G-9, p G-31	
		- Description of location of facility's copy of plan	✓				"	
		- Number of duplicate copies distributed and their location	✓				"	11 copies
	264.54	- Contingency Plan Amendment	✓				G-9	
		- Identification of person responsible and authorized to change/amend plan		✓		N/A		
		- Description of procedure to change/amend facility copy of plan		✓				
		- Description of procedure to insure update of all copies of plan		✓				

not really stated this way in reg.

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b)(7)	264.56	- Detailed Emergency Procedures	✓				G-4	
		a(1)- Procedure for facility personnel notification	✓				G-4a, pg-8+	
		a(2)- Procedure for state/local agency notification	✓				G-4a, pg-9+	
		b - procedure for identification of character, source, amount, and areal extent of released materials	✓				G-4b, 4c	
		c - Procedure for assessment of environment/human health hazards	✓				G-4c, pg-12+	
		d(2)- Identification of On-Scene Coordinator for geographic area	✓				G-4a, pg-6+	
		e - Description of specific responses and control procedures for	✓				G-4d	
		- Fire	✓				pg-14	
		- Explosion	✓				pg-15	
		- Spill	✓				pg-17+	
		f - Description of process shutdown and monitoring procedures	✓				G-4e, pg-20+	
		g - Description of cleanup procedures and associated material treating, storing, disposal procedures	✓				G-4f pg-21	
		h(2)- Description of emergency equipment cleaning and refitting procedures	✓				G-4h pg-24	
		i - Description of procedures to insure incompatible waste segregation during cleanup	✓				G-4g pg-23	
270.14(b)(7) and 270.17(f)	264.227	- Specific Contingency Plan Requirements for Surface Impoundments					N/A	2-4, G4K
		- Procedure for stopping waste addition to impoundment					↓	

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
	264.227	- Procedure for containing leakage	_____	_____	_____	_____	_____	_____
		- Procedure to prevent catastrophic failure	_____	_____	_____	_____	_____	_____
		- Procedure for emptying impoundment	_____	_____	_____	_____	_____	_____
		- Procedure for recertifying and reactivating impoundment	_____	_____	_____	_____	_____	_____
		- Procedure for closing impoundment	_____	_____	_____	_____	_____	_____
<p>[Note: There are no §22.25 requirements which parallel Part 264, Subpart E. However, the applicant should be familiar with the following sections of the regulations since the requirements in them <u>will</u> be enforceable under any permit received. Part 264, Subpart E, §264.70 through §264.77 Part 270, Subpart C, §270.30(j) and §270.30(l) The applicant should be prepared to respond to inquiries by the permit application reviewers regarding these requirements]</p>								
270.14(b)(8)		- Preventive Procedures, Structures, and Equipment Documentation, including descriptions of equipment/procedures to	✓	_____	_____	_____	F-4, p F-12+	_____
		I - Prevent hazards during unloading operations	✓	_____	_____	_____	F-4g	_____
		II - Prevent run-off and flooding	✓	_____	_____	_____	F-4b	_____
		III - Prevent water supply contamination	✓	_____	_____	_____	F-4c	_____
		IV - Mitigate equipment failure and power outages	✓	_____	_____	_____	F-4d	_____
		V - Prevent undue personnel exposure to wastes	✓	_____	_____	_____	F-4e	_____
270.14(b)(9)	264.17	- VI - Prevention of Accidental Ignition or Reaction <i>Prevent releases to atmosphere</i> Documentation	✓	_____	_____	N/A	F-4g F-5	F-4d - WIP-201e
		- Description of separation and protection of ignitable, reactive, incompatible wastes	_____	_____	_____	_____	_____	_____
		- Description of ignitable, reactive, incompatible wastes handling procedures	_____	_____	_____	_____	_____	_____
		- Description of number, location, and type of warning/prohibition signs	_____	_____	_____	_____	_____	_____

270.15(c)

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Documentation that procedures are adequate to prevent accidental ignitions or reactions				↓		
		- Description of number, location, and type of warning/prohibition signs						
		- Documentation that procedures are adequate to prevent accidental ignitions or reactions						
270.14(b)(9) and 270.17(h) and 270.17(i)	264.17(b) 264.229	- Specific Ignitable/Reactive Waste Requirements for Surface Impoundments				N/A	2-4	
		- Procedures that render waste nonreactive or nonignitable				↓		
		- Procedures for preventing reactions						
		- Procedures for protecting wastes						
		- "Emergency use only" documentation						
	264.230	- Incompatible waste segregation or protection procedures						
270.14(b)(9) and 270.18(g) and 270.18(h)	264.17(b) 264.256	- Specific Ignitable/Reactive Waste Requirements for Waste Piles					2-3	
		- Procedures that render waste nonreactive or nonignitable				↓		
		- Procedures for preventing reactions						
		- Procedures for protecting wastes						
	264.257	- Incompatible waste segregation or protection procedures						
270.14(b)(9) and 270.20(g) and 270.20(h)	264.17(b) 264.281	- Specific Ignitable/Reactive Waste Requirements for Land Treatment Facilities						D-7
		- Documentation that application to soil renders waste nonreactive/nonignitable and prevents reactions				↓		
		- Procedures for protecting wastes						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
	264.282	- Procedures which insure that incompatible wastes are not applied to same treatment zone						
270.14(b)(9) and 270.21(f) and 270.21(g)	264.17(b)	- Specific Ignitable/Reactive Waste Requirements for Landfills						2-5
	264.312	- Procedures that render wastes nonreactive and nonignitable						
		- Procedures for preventing reactions						
		- Procedures for protecting wastes						
	264.313	- Procedures for insuring that incompatible wastes will not be disposed of in same landfill cell						
	264.316 (c)-(e)	- Procedures for identifying content and insuring proper landfilling of incoming labpacks						
270.14(b)(10)		- Traffic Documentation					2-4	
		- Identification of;						
		- Waste movement routes	✓					pB-16, E1, 9-19
		- Number of movements by type vehicle	✓					pB-17
		- Quantity of waste moved per movement per vehicle	✓					pB-17
		- Traffic control signals and personnel				N/A		
		- Route surface composition and load bearing capacity	✓					pB-17
270.14(b)(11)		- Facility Location Documentation	✓					Ch B-3
270.14(b)(11) (i) and (ii)		- Political jurisdiction identified (new facilities only)	✓					B-3a pB-15
		- Comparison to Appendix VI of Part 264	✓					B-3a "

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b)(11)(v)		V - A plan documenting how and on what time schedule the facility will comply with §264.18(b) if not in compliance (existing facilities only).				N/A		
270.14(b)(12)	264.16	- Personnel Training Program Documentation	✓				Ch-H	
		a(1) - Outline of introductory and continuing personnel training programs	✓				H-1 p H-1	
		a(2) - Identification and qualifications of program instructor	✓				H-1 p H-2	
		a(3) - Brief description of how training program meets actual job tasks	✓				H-1d p H-3	
		c - Description of procedures to insure all appropriate personnel receive appropriate training and receive annual training review	✓				H-15 2100 p H-3	
		d,e - Description of records to be kept, their location, and procedures to insure they are retained for proper length of time	✓				H-2, p H-9	
270.14(b)(13)	264.112	- Closure Plan Documentation	✓				Ch-I	
		b(1) - Description of partial and final closure procedures	✓				I-1c p I-2	
		b(2) - Description of maximum unclosed portion during facility life	✓				I-1e p I-4	
		b(3) - Estimate of maximum waste inventory in storage/treatment during facility life	✓				I-1c p I-4	
	264.114	- Equipment decontamination procedure	✓				I-1c(2) p I-9	
		- Estimated year of closure	✓				I-1d p I-4	
	264.113	- Description of closure schedule including					I-1d p I-4 also Eo I-1	
		- Total time to close	✓				" "	

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b)(13)	264.113	- Frackable intervening closure activities	✓				I-1e	
		- Location(s) and number of copies of closure plan	✓				I-Intro	
		- Identification of person responsible for storage and updating of facility copy of closure plan	✓				I-1 p 5-2	
		- Procedure for updating all other copies of closure plan (amendments)	✓				I-1d(2)	
270.14(b)(13) and 270.17(g)	264.112 and 264.228(a)	- Specific Closure Plan Requirements for Surface Impoundments				N/A	D4	
		- Procedures for removal and/or decontamination of all wastes and materials/equipment associated with the impoundment, or						
		- Detailed plans and engineering reports describing						
		- Elimination of free liquids						
		- Stabilization of remaining wastes						
		- Design of final cover demonstrating						
		- Liquid migration minimization						
		- Function with minimum maintenance						
		- Drainage promotion						
		- Erosion/abrasion minimization						
		- Settling/subsidence accomodation						
		- Permeability less than liner or subsoils						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b) (13) and 270.18(i)	264.112	- Specific Closure Plan Requirements for Waste Piles				N/A	D-3	
	264.258(a)	- Procedure for removal and/or decontamination of all wastes and materials/equipment associated with the waste pile				↓		
	264.258(b)	- Procedure for closing in conformance with landfill closing requirements						
270.14(b) (13) and 270.20(f)	264.112	- Specific Closure Plan Requirements for Land Treatment Facilities				N/A	2-7	
	264.280(a)	- Procedures to maximize degradation of waste in treatment zone				↓		
		- Procedures to minimize waste runoff						
		- Run-off system maintenance procedures						
		- Wind dispersal control procedures						
		- Procedures for compliance with food-chain crop growth						
		- Procedures for unsaturated zone monitoring						
		- Description of vegetative cover						
- Procedures for establishing vegetative cover								
270.14(b) (13) and 270.21(e)	264.112 and 264.310(a)	- Specific Closure Plan Requirements for Landfills				N/A	2-6	
		- Detailed plans and an engineering report which describes the final cover components in detail				↓		
		- Documentation that the final cover will						
		- Provide long-term minimization of migration of liquids through closed landfill						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Function with minimum maintenance				↓		
		- Promote drainage and minimize erosion/abrasion						
		- Settle/subside without losing integrity						
		- Be less permeable than bottom liners or subsoils						
270.14(b) (13)	264.117 and 264.118	- Post-Closure Plan Documentation					I-2	
		- Description of ground water monitoring activities and frequencies	✓			N/A	D&E	
		- Description of maintenance activities and frequencies for;	✓				I-2, p I-15	
		- Final containment structures	✓				↓	
		- Facility monitoring equipment	✓					
		- Location(s) and number of copies of post-closure plan						
		- Identification and location (address and phone number) of person responsible for storage and updating of facility copy of post-closure plan prior to closure	✓				I-1, p 2	
		- Identification and location (address and phone number) of person responsible for storage and updating facility copy of post-closure plan during post-closure period	✓				"	
		- Procedure for updating all other copies of post-closure plan						
270.14(b) (13) and 270.17(g)	264.118 and 264.228(b)	- Specific Post-Closure Plan Requirements for Surface Impoundments				N/A	D-4	
		- Procedures for maintenance and repair of final cover				↓		

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Procedures for maintenance and monitoring of leak detection system				↓		
		- Procedures for maintenance and monitoring of ground water monitoring system						
		- Procedures for compliance with Subpart F						
		- Procedures for preventing run-on/run-off final cover damage						
270.14(b) (13) and 270.18(i)	264.118 and 264.258(b)	- Specific Post-Closure Plan Requirements for Waste Piles				N/A	D-3	
		- Procedures for post-closure care that meet the requirements for landfills				↓		
270.14(b) (13) and 270.20(f)	264.118 and 264.280(c)	- Specific Post-Closure Plan Requirements for Land Treatment Facilities				N/A	D-7	
		- Procedures to enhance degradation of wastes in treatment zone				↓		
		- Procedure for maintaining vegetative cover						
		- Procedure for maintaining run-on controls						
		- Procedure for maintaining run-off controls						
		- Procedures for wind dispersal control						
		- Procedures to insure compliance with food-chain crop prohibitions						
		- Procedures for unsaturated zone monitoring				↓		
270.14(b) (13) and 270.21(e)	264.118 and 264.310(b)	- Specific Post-Closure Plan Requirements for Landfills				N/A	D-6	
		- Procedures for maintenance and repair of final cover				↓		
		- Monitoring and maintenance procedures for leak detection system				↓		

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Procedure for leachate collection/removal system operation				↓		
		- Procedures to maintain and monitor ground water monitoring system						
		- Procedures for compliance with Subpart F						
		- Procedures for preventing final cap erosion due to run-on and run-off						
		- Procedures for protection and maintenance of benchmarks						
	264.110(c)	- Procedures to be undertaken if liquid is found in leak detection system				↓		
270.14(b) (14)	264.120	- Documentation of Notice on Deed (existing facilities only)	✓			N/A	I-3d	
		- Statement that land used to manage wastes				↓		
		- Statement of restricted use per §284.117(c)						
	264.119	- Documentation of type, location, and quantity of wastes filed with local authority and EPA Regional Administrator				↓	I-3d	
270.14(b) (15)	264.142	- Closure Cost Estimate	✓			N/A	I-4	
	264.143 and 264.146	- Documentation of a financial assurance mechanism for closure that is:	✓			N/A	I-5	
	264.151(a)	- Closure trust fund				↓		
	264.151(b)	- Surety bond guaranteeing payment						
	264.151(c)	- Surety bond guaranteeing performance						
	264.151(d)	- Closure letter of credit						
	264.151(e)	- Closure insurance						
	264.151(f) and (h)	- Financial test and corporate guarantee				↓		

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Multiple financial mechanism for one facility				↓		
		- Single financial mechanism for multiple facilities						
270.14(b) (16)	264.144	- Post-Closure Cost Estimate	✓			N/A	I-6	
	264.145 and 264.146	- Documentation of a financial assurance mechanism for post-closure that is;	✓			N/A	I-7	
	264.151(a)	- Closure trust fund				↓		
	264.151(b)	- Surety bond guaranteeing payment						
	264.151(c)	- Surety bond guaranteeing performance						
	264.151(d)	- Post-closure letter of credit						
	264.151(e)	- Post-closure insurance						
	264.151(f) and (h)	- Financial test and corporate guarantee						
		- Multiple financial mechanism for one facility						
		- Single financial mechanism for multiple facilities						
270.14(b) (17)	264.147	- Documentation of Insurance	✓			N/A	I-8	
		- Request for variance from insurance				↓		
	264.151(i) and (j)	- Insurance for sudden/accidental occurrences						
		- Insurance for nonsudden/accidental occurrences						
	264.151(g)	- Financial test for liability coverage						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b) (18)	264.149	- Documentation of a State Required Financial Mechanism for Closure, Post-Closure, or Liability including				N/A		
		- EPA I.D. number						
		- Facility name						
		- Facility address						
		- Amounts of liability coverage or funds assured						
	264.150	- Documentation of State Assumed Responsibility for Closure Post-Closure or Liability including				N/A		
		- Letter from State describing State's responsibilities						
		- Facility EPA I.D. number						
		- Facility name						
		- Facility address						
		- Amounts of liability coverage or funds assured						
270.14(b) (19)		- Topographic map showing a distance of 1000 feet around facility at a scale of not more than 1 inch equals 200 feet that clearly shows	✓				Ch B-2	
		- Contours	✓				Fig B-9, B-10	
		- Proper contour intervals	✓				"	
		- Map scale and date	✓				"	
		- 100-year flood plain area				✓	B-13	
		- Surface waters and intermittent streams				✓	B-13	
	- Surrounding land uses	✓				Fig B-12-B-17		

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(b) (19)		✓ - Wind rose	✓				Fig B-9	
		VI - North orientation	✓				"	
		VII - Legal boundaries of facility site	✓				B-2b, Fig B-9	
		VIII - Access control	✓				B-4, F-16, Fig B-10	
		IX - Injection and withdrawal wells onsite and offsite within 1000' of facility boundary	✓		✓		Fig B-17	oil/gas wells not on map
		X - Buildings and recreation areas	✓				Fig B-6 in S-10	
		- Runoff control systems	✓				F-4b, Fig B-10	
		- Access and internal roads	✓				B-4, Fig B-9, Fig B-10	
		- Storm, sanitary, and process sewerage systems	✓				Fig B-10	
		- Loading and unloading areas	✓				Fig B-10	
		- Fire control facilities	✓				F-2a, F-16, Fig B-10	See map
		XI - Barriers for drainage or flood control	✓				F-4b	See map
	XII - Location of past or present operational units and equipment cleanup areas	✓				Fig B-9		
270.17		Specific Part B Information Requirements for Surface Impoundments					N/A	
270.17(a)		- List of hazardous wastes placed or to be placed in impoundment					↓	
270.17(b)	264.221	- Detailed plans and an engineering report describing						
270.17(b)(i)	264.221(a)	- Liner system construction (new only)						
	264.221(a)(1)	- Material of construction						
		- Chemical properties						

→ 270.15

Part B info requirements for containers

Ch-F

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.17(b)(1)		- Physical strength				N/A		
		- Thickness						
	264.221(a)(2)	- Foundation design/integrity						
	264.221(a)(3)	- Area covered						
	264.221(a)(1)	- Liner system integrity against (new only)						
		- Internal and external pressure gradients						
		- Contact with waste/leachate						
		- Climatic conditions						
		- Installation stresses						
		- Daily operational stresses						
	264.221(b)	- Liner system exemption including						
		- Nature and quantity of wastes						
		- Alternative design and operation						
		- Impoundment location description						
		- Hydrogeologic setting						
		- Attenuative capacity of materials between impoundment and groundwater and surface water						
		- Documentation of no migration to ground/surface waters at any future time						
270.17(b)(2)	264.221(c)	- Procedures/equipment to prevent overtopping from						
		- Normal operation						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.17(b)(2)	264.221(c)	- Abnormal operation				S/A		
		- Overfilling						
		- Wind/wave action						
		- Rainfall						
		- Run-on						
		- Equipment malfunctions						
		- Human error						
270.17(b)(3)	264.221(d)	- Structural integrity of dikes						
270.17(c)	264.222(a)	- Documentation for Part 264, Subpart F exemption including,						
		- Impoundment and liner location above seasonal highwater table						
		- Two liners meeting 264.221(a) requirements						
		- Leak detection system between liners						
270.18		- Specific Part B Information Requirements for Waste Piles				N/A		
270.18(a)		- List of hazardous wastes placed or to be placed in each waste pile						
270.18(b)	264.250(c)	- Documentation of general exemption from 264.251 and Part 264, Subpart F, including,						
		- Waste pile protection from precipitation						
		- Procedures for insuring liquids are not placed in pile						
		- Description of run-on controls						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Description of wind dispersal controls other than wetting				N/A		
		- Decomposition/reactions do not cause leachate generation						
270.18(c)	264.251(a)	- Detailed plans and an engineering report describing,						
270.18(c)(1)	264.251(a)(1)	- Liner system construction (new only)						
	264.221(a)	- Material of construction						
		- Chemical properties						
		- Physical strength						
		- Thickness						
		- Foundation design/integrity						
		- Area covered						
		- Liner system integrity against (new only)						
		- Internal and external pressure gradients						
		- Contact with waste/leachate						
		- Climatic conditions						
		- Installation stresses						
		- Daily operational stresses						
	264.251(a)(2)	- Leachate collection and removal system to maintain less than one foot of leachate on liner including,						
		- Materials of construction						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.18(c)(1)		- Chemical resistance to waste/leachate				N/A		
		- Strength sufficient to prevent collapse						
		- Provisions to prevent clogging						
	264.251(b)	- Liner system/leachate system exemption including,						
		- Nature and quantity of wastes						
		- Alternative design and operation						
		- Pile location description						
		- Hydrogeologic setting						
		- Attenuative capacity of materials between pile, ground and surface waters						
		- Documentation of no migration to ground/surface waters at any future time						
270.18(c)(2)	264.251(c)	- System for control of run-on from peak discharge of a 25-year storm						
270.18(c)(3)	264.251(d)	- System for control of run-off water volume of a 24-hour, 25-year storm						
270.18(c)(4)	264.251(e)	- Procedures to manage collection and holding facilities associated with run-on and run-off control systems						
270.18(c)(5)	264.251(f)	- Wind dispersal control procedures						
270.18(d)	264.252(a)	- Documentation for Part 264, Subpart F exemption including,						
		- Pile and liners above seasonal high water table						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.18(d)		- Two liners meeting requirements of §264.251(a)(1)				N/A		
		- Leak detection system between liners						
		- Leachate system meeting §264.251(a)(2) requirements						
	264.253(b)	- Documentation for Part 264, Subpart F exemption including,						
		- Pile and liners above seasonal high water table						
		- Liner meets §264.251(a)(1) requirements						
		- Soil characteristics/depths						
		- Leachate system meets §264.251(a)(2) requirements						
		- Schedule/procedures for liner inspection by waste removal						
		- Sufficient liner strength/thickness to allow periodic removal/replacement of wastes						
270.18(f)		- Description of treatment carried out in or on the pile including,						
		- Details of treatment process						
		- Equipment used						
		- Nature and quality of residuals						
270.20		- Specific Part B Information Requirements for Land Treatment Facilities				N/A		
270.20(a)		- Description of treatment demonstration plans by						
	264.272(b)	- Field test						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.20(a)		- Laboratory analysis	_____	_____	_____	NA	_____	_____
		- Available data	_____	_____	_____	↓	_____	_____
		- Operating data (existing units only)	_____	_____	_____		_____	_____
		- Submittal for laboratory analyses or field test demonstration permit including,	_____	_____	_____		_____	_____
	264.272(c)	- Documentation of accurate simulation	_____	_____	_____		_____	_____
		- Wastes and hazardous constituents descriptions (Part 261, Appendix VIII)	_____	_____	_____		_____	_____
		- Climatologic information	_____	_____	_____		_____	_____
		- Topographical data	_____	_____	_____		_____	_____
		- Operating practices	_____	_____	_____		_____	_____
		- Type of test to be conducted	_____	_____	_____		_____	_____
		- Test materials and methods	_____	_____	_____		_____	_____
		- Expected completion time	_____	_____	_____		_____	_____
		- Statement on appropriateness of demonstration	_____	_____	_____		_____	_____
		- Statement on human health and environment protection considering,	_____	_____	_____		_____	_____
		- Characteristics of wastes to be tested	_____	_____	_____		_____	_____
		- Operating and monitoring during tests	_____	_____	_____		_____	_____
		- Duration of test	_____	_____	_____		_____	_____
		- Volume of waste used in test	_____	_____	_____		_____	_____

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Potential for hazardous waste migration to ground/surface waters (field tests only)				N/A		
270.20(b)	264.271(a)	- Description of land treatment program				N/A		
		- Wastes to be land treated						
		- Design measures to maximize treatment including,						
270.20(b)(2) (i)	264.273(a)	- Rate and method of waste application						
		- Soil pH control measures						
		- Microbial/chemical reaction enhancements						
		- Treatment zone moisture control measures						
270.20(b)(3)	264.278 (a)-(f)	- Unsaturated zone monitoring procedures including,						
		- List of and rationale for selecting compounds to be monitored						
		- Monitoring equipment, procedures, frequency						
		- Procedures for selecting sampling locations						
		- Sample collection procedures						
		- Sample preservation/shipment procedures						
		- Sample chain of custody control						
		- Sample analysis procedures						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Background value determination procedures				N/A		
270.20(b)(4)		- Statistical methods description						
		- List of hazardous constituents expected to be in, or derived from, wastes to be land treated						
270.20(b)(5)	264.271(c)	- The proposed vertical and horizontal dimensions of the treatment zone with maximum depth of						
		- No more than 5 feet from the initial soil surface						
		- More than 3 feet above the seasonal high water table						
270.20(c)	264.273 (b)-(f)	- Description of land treatment unit design						
		- Procedures/equipment to prevent run-on from peak discharge of 25-year storm						
		- Procedures/equipment to collect and control the run-off water volume from a 24-hour, 25-year storm						
		- Procedures/equipment to minimize run-off from treatment zone during active life						
		- Run-on and run-off collection and control systems management plan						
		- Procedures/equipment for wind dispersal control						
270.20(d)	264.276(a)	- Documentation of request for growth of food-chain crops on treatment zone not receiving cadmium in wastes						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.20(d)	264.276(a)	- Statement that demonstration of no risk to human health will be conducted by,				N/A		
		- Field tests						
		- Greenhouse studies						
		- Available data						
		- Operating data (existing only)						
		- Demonstration program description, including						
		- Soil pH						
		- Cation exchange capacity of soil						
		- Specific wastes to be applied						
		- Waste application rates						
		- Waste application methods						
		- Identification of demonstration crops						
		- Planting and growth procedures						
		- Characteristics of crop						
		- Sample selection criteria						
		- Sample collection procedure						
		- Sample size						
		- Analyses methods						
		- Statistical data evaluation procedures						
		- Identification of comparison crops						
		- Characteristics of crop						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.20(d)	264.276(a)	- Planting and growth procedures				N/A		
		- Conditions of growth						
		- Sample selection criteria						
		- Sample collection procedures						
		- Sample size						
		- Analyses methods						
		- Statistical data evaluation procedures						
		- Request for a permit to conduct monitoring program						
270.20(e)	264.276(b)	- Documentation of request for growth of food-chain crops on treatment zone if wastes contain cadmium						
		- Cadmium concentration in waste						
		- Soil pH						
		- Annual application of cadmium in kilograms per hectare						
		- Soil cation exchange capacity						
		- Identification of animal feeds to be grown						
		- Plan to prevent animal feed ingestion by humans						
		- Documentation of notice on deed						
270.21		- Specific Part B Information Requirements for Landfills				N/A		
270.21(a)		- List of hazardous wastes to be placed in each landfill cell						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.21(b)	264.301(a)	- Detailed plans and an engineering report describing				N/A		
270.21(b)(1)	264.301(a)(1)	- Liner system construction (new only)						
		- Material of construction						
		- Chemical properties						
		- Physical strength						
		- Thickness						
		- Foundation design/integrity						
		- Area covered						
		- Liner system integrity against (new only)						
		- Internal and external pressure gradients						
		- Contact with waste/leachate						
		- Climatic conditions						
		- Installation stresses						
		- Daily operational stresses						
	264.301(a)(2)	- Leachate collection and removal system to maintain less than one foot of leachate on liner including,						
		- Materials of construction						
		- Chemical resistance to waste/leachate						
		- Sufficient strength to prevent collapse						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.21(b)(1)		- Provisions to prevent clogging				N/A		
	264.301(b)	- Liner system/leachate system exemption including,				N/A		
		- Nature and quantity of wastes						
		- Alternative design and operation						
		- Landfill location description						
		- Hydrogeologic setting						
		- Attenuative capacity of materials between landfill and ground and surface waters						
		- Documentation of no migration to ground/surface waters at any future time						
270.21(b)(2)	274.301(c)	- System for control of run-on from peak discharge of a 25-year storm						
270.21(b)(3)	274.301(d)	- System for control of run-off water volume from a 24-hour, 25-year storm						
270.21(b)(4)	274.301(e)	- Procedures to manage collection and holding facilities associated with run-on and run-off control systems						
270.21(b)(5)	274.301(f)	- Wind dispersal control procedures						
270.21(c)	264.302(a)	- Documentation for Part 264, Subpart F exemption including,						
		- Landfill and liners above seasonal high water table						
		- Two liners meeting requirements of §264.301(a)(1)						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Leak detection system between liners				↓		
		- Leachate system meeting §264.301(a)(2) requirements						
270.21(h)	264.314	- Documentation of procedures/equipment for landfilling liquid wastes				↓		
270.21(i)	264.315	- Documentation of procedures/equipment for landfilling containers						
270.14(c)	Part 264 Subpart F	Part B Protection of Ground Water Information Requirements for Surface Impoundments, Waste Piles, Land Treatment Units, and Landfills	✓				CE L-90	
270.14(c)(1)	265.60	- Interim status period ground-water monitoring data summary					E-2	
270.14(c)(2)		- Identification of ^{lower} uppermost and hydraulically interconnected aquifers _{above} under facility including,	✓				D-901	D-901, D-902, D-903, D-904, D-905, D-906
		- Water flow rate and direction	✓				Appl E1, E-8	
		- Bases for identification						
270.14(c)(3) and 270.14(b)(19)		- Topographic map	✓				E-2	E-2
	264.95(b)	- Delineation of property boundary	✓				E-8-9	
	264.95(a)	- Delineation of waste management area	✓				E-10 D-901, E-7	
		- Delineation of proposed point of compliance					E-20	E-7
		- Ground-water monitoring well locations						
		- Location of aquifers						
270.14(c)(4)		- Descriptions of existing contamination	✓			N/A	E-5	
		- Delineation of plume extent				↓		

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Appendix VIII constituents concentrations				N/A		
		- Concentrations throughout plume				↓		
		- Maximum concentrations in plume						
270.14(c)(5)	264.97	- Detailed plans and an engineering report of Ground Water Monitoring Program					D-9H, E-6, E-7	
	264.97(a)	- Description of wells						
		- Number of wells						
		- Locations						
		- Depth						
		- Assurance of unaffected background water measurement						
		- Assurance of compliance point ground water measurement						
	264.97(c)	- Casing description						
	264.97(d)	- Description of sampling/analysis procedures						
		- Sample collection methods						
		- Sample preservation/shipment						
		- Analytical procedures						
		- Chain of custody control						
	264.97(e)	- Documentation of proper/adequate analytical procedures						
	264.97(f)	- Procedure for determination of ground water elevation with each sample						
270.14(c)(6)	264.91(a)(4) and 264.98	- Description of Detection Monitoring Program including,					D-9H, E-7	

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Post-closure period					E-?	
	264.98(e)	- Procedure for annual determination of uppermost aquifer flow rate and direction						
	264.98(f) & 264.97(d)&(e)	- Documentation of sample collection and analysis procedures						
	264.98(g)	- Procedure for determining a statistically significant increase for any monitored parameter or constituent by						
		- Comparing compliance point data to background value data using the procedures in §264.97(h)(1) or (2), and						
		- Providing an estimate of the time period after sampling completion necessary to obtain results						
270.14(c)(6)	264.98(h)	- Procedure to be implemented if a statistically significant increase in any constituent or parameter is identified at any compliance point monitoring well, including						
	264.98(h)(1)	- Written notification to Regional Administrator						
	264.98(h)(2)	- Sample collection and analysis methods for all Appendix VIII constituents at all monitoring wells						
	264.98(h)(3)	- Method for establishing Appendix VIII constituent background values						
	264.98(h)(4)	- Preparation of an application for permit modification to establish compliance monitoring						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
270.14(c)(7)	264.91(a)(1) and 264.99	- Description of Compliance Monitoring Program, including				N/A	7-28-01	E-7 Filed G.W.M. Walker
		- List of wastes previously handled at facility						
		- Characterization of contaminated ground-water						
		- Hazardous constituents identified						
		- Hazardous constituents concentrations						
	264.99(b)	- Description of compliance monitoring system at the compliance point						
		- List of hazardous constituents to be compliance monitored						
	264.96	- Proposed compliance period					D-6/11	
	264.99(d)	- Procedure for collecting quarterly samples at compliance point during compliance period						
	264.99(c)(3)	- Procedures for establishing background concentration values for constituents that are based on						
		- Use of an appropriate ground-water monitoring system, and						
	264.97(g)	- Data that is available prior to permit issuance						
		- Data that accounts for measurement errors in sampling and analysis						
		- Data that accounts for seasonal ground-water quality fluctuations						
		- Data from a minimum of one sample per well and a minimum of four samples from monitoring system, each time system is sampled						

Part 270	Part 264	Subject Requirement	Provided	Not Provided	Inadequate	Not Applicable	Location in Application	Comments
		- Details of program to comply with ground-water protection standard						
270.14(c)(7)(v)	264.99(i)(2)(ii)	- Details of ground-water monitoring to demonstrate effectiveness of program						
270.14(c)(8)	264.91(a)(2) and 264.100	- Description of Corrective Action Program, including						
270.14(c)(8)(i)		- Characterization of contaminated ground-water						
	264.100(a)(1)	- Identified hazardous constituents						
		- Concentrations of hazardous constituents						
270.14(c)(8)(ii)	264.100(a)(2)	- Concentration limit for each hazardous constituent						
270.14(c)(8)(iii)	264.100(b)	- Detailed plan and an engineering report describing the corrective actions to be taken at the compliance point						
	264.100(c)	- Time period necessary to implement corrective action program						
270.14(c)(8)(iv)	264.100(d)	- Description of ground-water monitoring program that will be sufficient to assess the adequacy of corrective action						
	264.91(a)(3) and 264.100(e)	- Description of the corrective action to be taken for constituents in ground-water between compliance point and downgradient facility boundary						
	264.100(g)	- Procedure and content for semi-annually submitting written reports to the Regional Administrator on program effectiveness						
Part B Certification and Signatories								
270.11(d)		- Certification paragraph						
270.11(a)		- Appropriate signatory						