

**Waste Isolation Pilot Plant
Necessary Information for the Hazardous Waste Facility Permit
Renewal Application — Part B
Maps and Illustrations
§ 40 CFR 270.14(b)(19)**

Regulatory Citation	Requirement	Comment	Identification No
§ 40 CFR 270.14(b)(19)	A topographic map showing a distance of 1,000 feet around the facility at a scale of 2.5 centimeters (1 inch) equal to not more than 61.0 meters (200 feet). Contours must be shown on the map. The contour interval must be sufficient to clearly show the pattern of surface water flow in the vicinity of and from each operational unit of the facility. For example, contours with an interval of 1.5 meters (5 feet), if relief is greater than 6.1 meters (20 feet), or an interval of 0.6 meters (2 feet), if relief is less than 6.1 meters (20 feet). Owners and operators of HWM facilities located in mountainous areas should use large contour intervals to adequately show topographic profiles of facilities. The map shall clearly show the following:	As the WIPP facility is a large facility consisting of 16 sections (each section containing 144 acres) several maps and figures were employed so that the information that is required by § 40 CFR 270.14(19) <i>et seq.</i> can better illustrated. Map scale and contours are noted on the appropriate figures and maps. To place all information on one topographic map would crowd the information and make it difficult to review the information. This table was provided to make it easier for the reviewer to locate the information.	Figure A2-3
§ 40 CFR 270.14(b)(19)(i)	Map scale and date	There are multiple maps and figures provided to illustrate the required information. All appropriate maps and figures depict map scale, date.	NA
§ 40 CFR 270.14(b)(19)(ii)	100-year floodplain area	WIPP is not in the 100-year floodplain	NA
§ 40 CFR 270.14(b)(19)(iii)	Surface waters including intermittent streams	There are no surface waters or intermittent streams	NA
§ 40 CFR	Surrounding land uses	Mines and Ranches	Demographic A

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270.14(b)(19)(iv)		Annual Average Cattle Density Natural Gas Pipelines Population Edible Agriculture and Commercial Crops	Demographic B Demographic C Demographic D Demographic E
§ 40 CFR 270.14(b)(19)(v)	A wind rose		Wind Rose
§ 40 CFR 270.14(b)(19)(vi)	Orientation of the map	Each map contains a northern orientation compass	All maps and appropriate figures
§ 40 CFR 270.14(b)(19)(vii)	Legal boundaries of the HWM facility site	Topographic Map with Underground Facilities and Land Withdrawal Area/Location of Facilities	Figure A2-3 and 23-C-007-W
§ 40 CFR 270.14(b)(19)(viii)	Access control	WIPP Site Facility Master Plant	24-C-022-W
§ 40 CFR 270.14(b)(19)(ix)	Injection and withdrawal wells both on-site and off-site	Topographic Map with Underground Facilities	Figure A2-3
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure	WIPP Site Facility Master Plant and Underground Mine Plan Structure of Base of Orange Marker Band	24-C-022-W 22-V-001-W
§ 40 CFR 270.14(b)(19)(xi)	Barriers for drainage or flood control	Infiltration Controls Unit and WIPP Site Finish Grading and Paving	23-C-011-W1 and 24-C-028-W1
§ 40 CFR 270.14(b)(19)(xii)	Location of operational units within the HWM facility site, where hazardous waste is treated, stored, or disposed	Surface: Storage Units/Parking Area Unit Underground: Hazardous Waste Disposal Units (HWDUs)	24-C-022-W 22-V-001-W Figure A2-3
The Following Drawings Contain New/Revised Information and Are Being Submitted With the Renewal Application – Part B			
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Project Location Maps, Rev. B	23-C-001-022
§ 40 CFR	Barriers for drainage or flood control.	WIPP Site Finish Grading and Paving, Rev. C	24-C-028-W2

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270.14(b)(19)(xi)			
§ 40 CFR 270.14(b)(8)	A description of procedures, structures, or equipment used at the facility.	WIPP Site Primary Power – One Line Selected Load System Interrupter Lineup Surface and Underground, Rev. N	25-J-020-W6
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Waste Handling Building 411 Firewater Collection Sprinkler System P & ID, Rev. D	41-S-003-W1
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Waste Handling Building 411 Firewater Collection Sprinkler System P & ID, Rev. E	41-S-003-W2
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Waste Handling Building 411 Firewater Collection Sprinkler System P & ID, Rev. B	41-S-003-W3
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Waste Handling Building 411 Firewater Collection Sprinkler System P & ID	41-S-003-W4
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Underground Utilities Fire Panel 534-FP-0320, Rev. H	53-J-039-W

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§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Underground Utilities Fire Panel 534-FP-0320, Rev. N	53-J-042-W
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Waste Handling Facilities TRUPACT Dock Equipment Arrangement, Rev A	41-M-001-W
§ 40 CFR 270.14(b)(19)(x)	Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)	Waste Handling Building 411 CH Area HVAC Flow Diagram, Rev. B	41-B-010-W1
§ 40 CFR 270.14(d)(1)(iii)	General dimensions and structural description.	Underground Mine Plan Shaft and Drift Dimensions, Rev. D	54-W-009-W