

Part 506 – Exhibits

Subpart B – Economic and Structural Tables

Table 3 – Structural Data—Dams with Planned Storage Capacity (Name of Watershed)(State)

Item	Unit	Structure No. [1, 2, 3, 4, etc.]	Total
Class of structure			
Seismic zone			
Uncontrolled drainage area	mi ²		
Controlled drainage area	mi ²		
Total drainage area	mi ²		
Runoff curve No. (1-day) (AMC II)			
Time of concentration (T _c)	hrs		
Elevation top dam	ft		
Elevation crest auxiliary spillway	ft		
Elevation crest high stage inlet	ft		
Elevation crest low stage inlet	ft		
Auxiliary spillway type			
Auxiliary spillway bottom width	ft		
Auxiliary spillway exit slope	percent		
Maximum height of dam	ft		
Volume of fill	yd ³		
Total capacity ^{1/}	acre ft		
Sediment submerged	acre ft		
Sediment aerated	acre ft		
Beneficial use (identify use)	acre ft		
Floodwater retarding	acre ft		
Between high and low stage	acre ft		
Surface area			
Sediment pool ^{2/}	acres		
Beneficial use pool (identify use)	acres		
Floodwater retarding pool ^{1/}	acres		
Principal spillway design			
Rainfall volume (1-day)	in		
Rainfall volume (10-day)	in		
Runoff volume (10-day)	in		

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Capacity of low stage (max.)	ft ³ /s		
Capacity of high stage (max.)	ft ³ /s		
Dimensions of conduit	ft/in		
Type of conduit			
Frequency operation-auxiliary spillway	percent chance		
Auxiliary spillway hydrograph			
Rainfall volume	in		
Runoff volume	in		
Storm duration	hrs		
Velocity of flow (V _e)	ft/s		
Max. reservoir water surface elev.	ft		
Freeboard hydrograph			
Rainfall volume	in		
Runoff volume	in		
Storm duration	hrs		
Max. reservoir water surface elev.	ft		
Capacity equivalents			
Sediment volume	in		
Floodwater retarding volume	in		
Beneficial volume (identify use)	in		

1/ Crest of auxiliary spillway.

Prepared: Month/Year

2/ If reservoir contains beneficial storage or if sediment capacity will not store water, show area in parenthesis and footnote accordingly.