

**Town Bluff Dam and B. A. Steinhagen Lake**

**OWNER**

The U.S. Government. Operated by the U.S. Army Corps of Engineers, Fort Worth District.

**ENGINEER (Design)**

U.S. Army Corps of Engineers, Fort Worth District.

**LOCATION**

On the Neches River in Tyler and Jasper Counties, one half mile north of Town Bluff.

**DRAINAGE AREA**

7,573 square miles.

**DAM**

Type Paved earthfill  
 Length (including spillway) 6,698 ft  
 Maximum height 45 ft  
 Top width 25 ft

**SPILLWAY (gated)**

Location Right end of dam  
 Type Ogee concrete slab  
 Length (net) 240 ft  
 Control 6 tainter gates, each 40 by 35 ft

**SPILLWAY (uncontrolled section of dam)**

Crest elevation 85.0 ft above msl  
 Length 6,100 ft

**OUTLET WORKS**

Type 2 conduits each, 4 by 6 ft  
 Invert elevation 52.0 ft above msl  
 Control 2 tractor-type gates

**AUTHORIZATION**

Federal: River and Harbor Act, March 2, 1945, in the first session of the 79th Congress. Modified by the River and Harbor Act, June 30, 1948.  
 State: Permit No. 2124 (Application No. 2298), October 13, 1964, allows Lower Neches Valley Authority to appropriate 820,000 acre-feet of water annually from Sam Rayburn Reservoir, such waters to be impounded and re-regulated in B. A. Steinhagen Lake (formerly Dam B Reservoir), and to use the streambeds and banks of the Neches River and Pine Island Bayou to transport the water to an existing pumping plant.

**RESERVOIR DATA**

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam (non-overflow)	95.0	-	-
Maximum design water surface	93.0	306,400	28,210
Top of gates and uncontrolled spillway	85.0	124,700	16,830
Normal water elevation	83.0	94,200	13,700
Invert of low-flow outlet	52.0	20	20
Gate sill	50.0	0	0
Sediment reserve below	83.0	16,600	-
Usable space conservation storage	-	77,600	-

**GENERAL**

Construction started March 1947  
 Deliberate impoundment began April 16, 1951  
 General contractor Reynolds, William & Noonan Construction Company  
 Project Cost \$8,749,000

