

Wood County Dam No. 3 and Lake Hawkins

OWNER

Wood County.

ENGINEER (Design)

Wisnaker, Fix, and Associates.
Freese and Nichols.

LOCATION

On Little Sandy Creek in Wood County, 3 miles northwest of Hawkins.

DRAINAGE AREA

30 square miles.

DAM

Type Earthfill
Length 1,265 ft
Maximum height 58 ft
Top width 20 ft
Top elevation 363.0 ft above msl

SPILLWAY (emergency)

Location Near right end of the dam
Type Cut through natural ground
Crest length 300 ft
Crest elevation 353.0 ft above msl

SPILLWAY (service)

Type Drop inlet, 20 by 20 ft
Crest length 80 ft
Crest elevation 343.75 ft above msl
Outlet Concrete conduit, 7 by 7 ft

OUTLET WORKS

Type Concrete pipe, 18-inch diameter
Invert elevation 312.6 ft above msl
Control Valve
Discharge To service spillway

STATE AUTHORIZATION

Permit No. 1984 (Application No. 2180), March 27, 1961, authorizes a dam to store 10,400 acre-feet of water for recreational purposes and flood regulation.
Permit No. 1984A (Application No. 2180A), February 26, 1966, authorized increase of storage to 11,890 acre-feet by raising the crest of the service spillway 2 feet.

RESERVOIR DATA

| FEATURE | ELEVATION (FEET ABOVE MSL) | CAPACITY (ACRE-FEET) | AREA (ACRES) |
|--------------------|-------------------------------|-------------------------|-----------------|
| Top of dam | 363.0 | — | — |
| Emergency spillway | 353.0 | 20,100 | 1,064 |
| Service spillway | 343.75 | 11,890 | 776 |
| Low flow outlet | 312.6 | 200 | — |
| Usable storage | — | 11,570 | — |

GENERAL

Construction started June 9, 1961
Deliberate impoundment began August 1, 1962
Project completed September 17, 1962

