

Emergency Action Plan (EAP)

Rock Creek Watershed, Dam No. 23

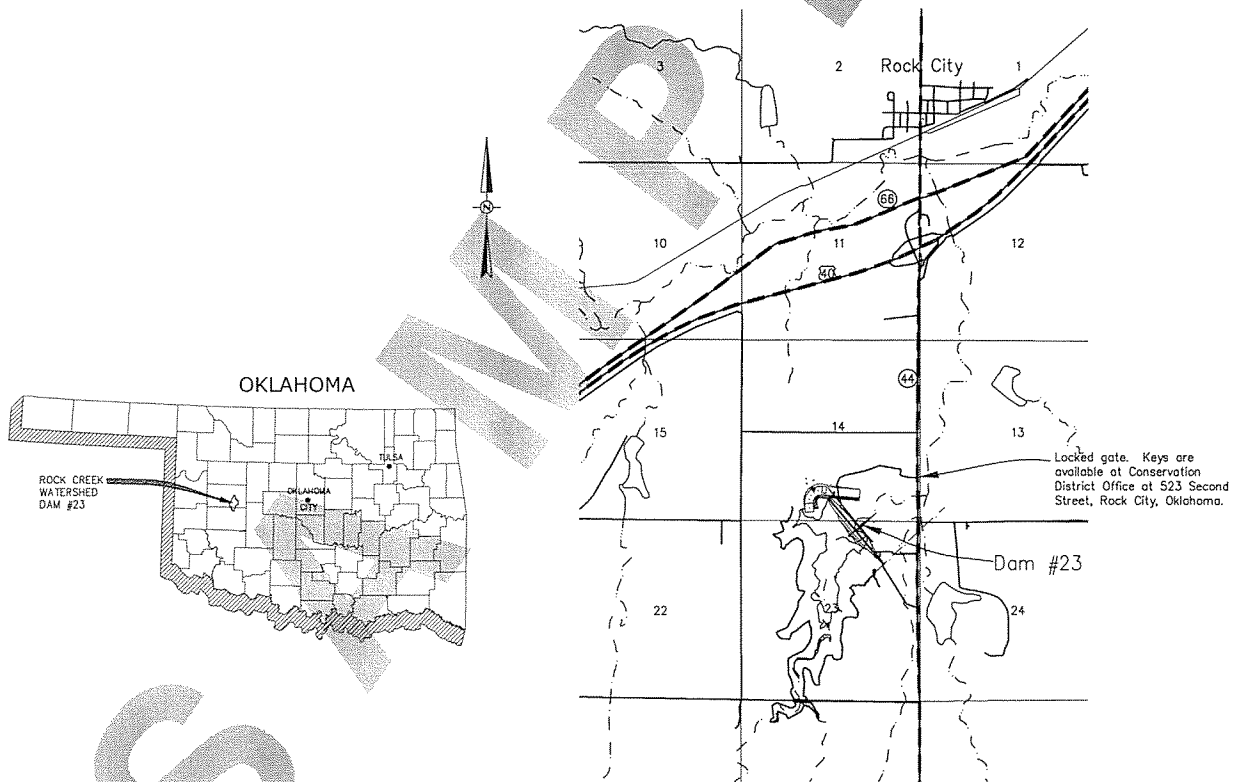
(Rock City Lake)

National Inventory of Dams (NID) No. OK11111

Coal County, Oklahoma

Coal County Conservation District

With assistance from the
U.S. Department of Agriculture
Natural Resources Conservation Service



Reviewed and Updated:

Chair, Coal County Conservation District

Sheriff, Coal County, OK

Date

Date

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Basic EAP Data

Purpose

The purpose of this EAP is to reduce the risk of human life loss and injury and minimize property damage during an unusual or emergency event at Rock Creek Watershed, Dam No. 23.

Potential Impacted Area

See *Evacuation Map* tab (Appendix B-4) and *People at Risk* tab (Appendix B-5) for the locations and contact information of the following residents and businesses that may be flooded if the dam should fail and the estimated time for the floodwave to travel from the dam to these locations:

- 6 houses:
 - 4 on the south side of the Elmwood Heights subdivision in southeast Rock City
 - 2 outside city limits:
 - 1 on south side of Rock Creek, south of Rock City
 - 1 on east side of Highway 44 approximately 1 mile south of Rock City
- 3 businesses on east side of Highway 44 south of Rock City:
 - Lori’s Music Shop, Larry’s Hardware, and Bill’s Coffee Shop
- 3 highways:
 - Interstate 40 and OK Highways 44 and 66

Dam Description

Height: 40 ft

Built: 1960

Legal Description: Sects. 14 and 23, T13N, R21W

Latitude: 35.42875 Longitude: -99.19802

National Inventory of Dams No.: OK11111

Drainage Area: 7.7 mi

Hazard Classification: High

Dam Operator: Coal Co. Cons. District

Major Property Owner: Bryan Babcock

Dam Designer: NRCS

See detailed design data in *Appendix B* tab.

Directions to dam (See *Location and Vicinity Map*—Appendix B-2.)

Rock Creek Watershed, Dam No. 23, can be accessed by traveling south 1.2 miles on OK Highway 44 from the Interstate 40 interchange south of Rock City; turn right (west) on a gated dirt road that goes directly to the left abutment of the dam. Keys for the lock on the gate are available from the Conservation District Manager at 523 Second Street, Rock City, OK. Note that a portion of this road is within the dam breach inundation area, and the valley below the dam may be flooded.

An alternate route to the dam is available approximately 0.5 miles south of Rock Creek on Highway 44; turn right on an ungated dirt road that goes to the right abutment of the dam. Note that Highway 44 may be inundated or the bridge may be damaged, so access to this alternate route may have to be gained from Highway 44 south of the dam.

EAP Overview

