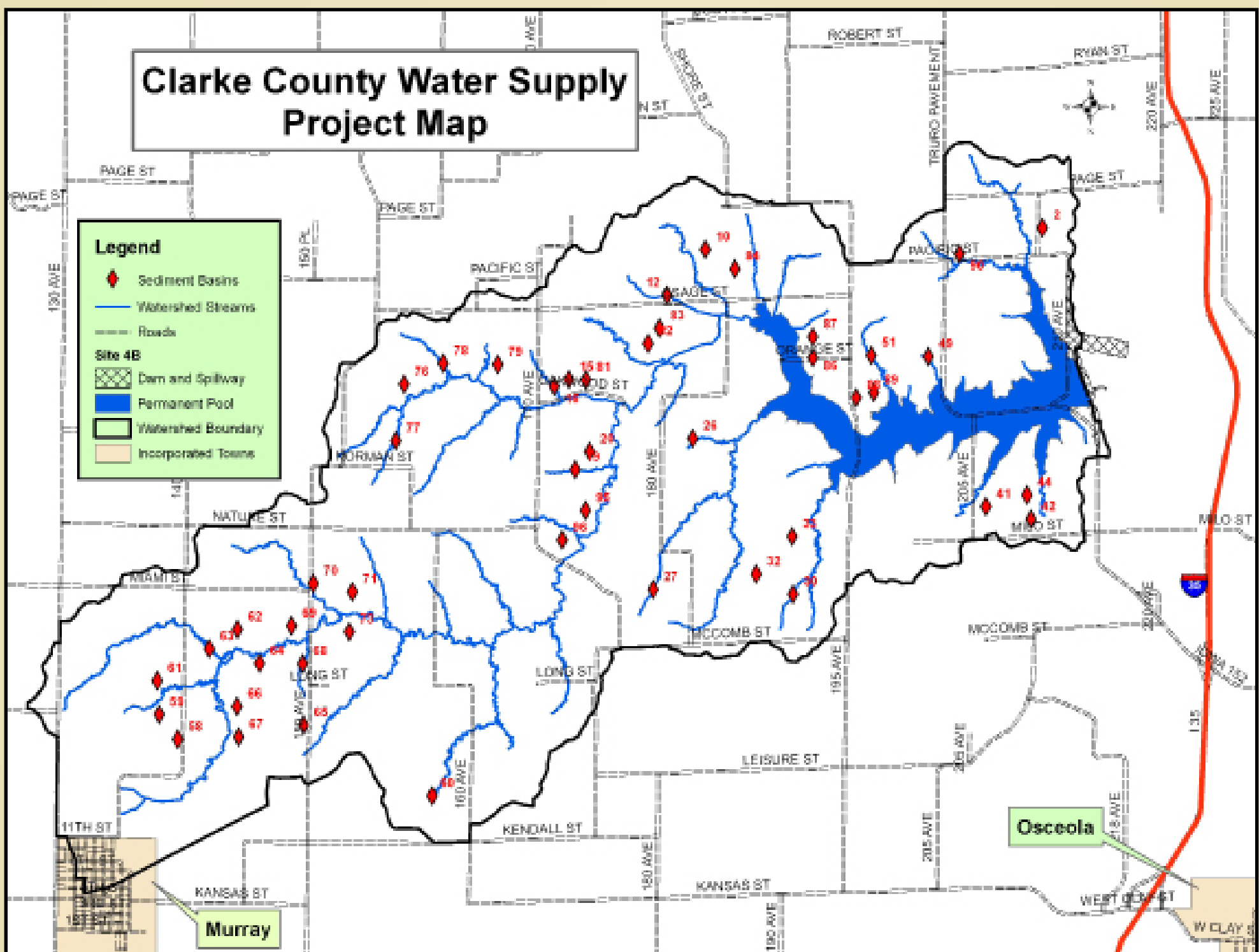


Clarke County Water Supply

Project features providing water supply for Osceola and Southern Iowa Rural Water Association (SIRWA).

Project Feature - 816-acre Lake

- Provides 2.2 million gallons/day water supply
- About 2,046 acres will be acquired for lake, buffer areas, and required wildlife habitat
- Drainage area to lake size ratio of 20:1 provides optimal balance for water quality and quantity



Project Feature - Sediment Basins

- 47 sediment basins are planned upstream and adjacent to the permanent pool.
- The basins capture sediment and attached pollutants carried by runoff.
- 47 basins collect runoff from 16 percent of the watershed trapping 7,184 tons of sediment annually.



**CLARKE COUNTY
RESERVOIR COMMISSION**

**SOUTHERN IOWA
Resource Conservation & Development Area, Inc.**