#### DRAFT REPORT

#### APPRAISAL STUDY

# LOWER REPUBLICAN RIVER BASIN

# NEBRASKA AND KANSAS



BUREAU OF RECLAMATION

JANUARY 2004

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#### **ACRONYMS AND ABBREVIATIONS**

ac-ft acre feet

Bu. Bushels

BCU Beneficial Consumptive Use

BOC Bottom of conservation pool

CFR Comprehensive Facility Review

cfs cubic feet per second

Corps U.S. Army Corps of Engineers

DPR Definite Plan Report

EOM end of month

fps feet per second

FSS Final Settlement Stipulation

FWCA Fish and Wildlife Coordination Act of 1958

HP horsepower

Irr. Irrigation

Kaf 1,000 ac-ft

kV kilovolts

NA not appropriate

NEPA National Environmental Policy Act

NPDES National Pollutant Discharge Elimination System

NRD Natural Resources District

MDS Minimum Desirable Streamflow

MP mile post

msl mean sea level

National Register National Register of Historic Places

NED National Economic Development

O M & R Operation, Maintenance & Replacement

P.L. Public Law

#### APPRAISAL STUDY

PMF Probable Maximum Flood

POS plan of study

P-SMBP Pick-Sloan Missouri Basin Program

Reclamation Bureau of Reclamation

ROW Right-of-Way

RTU Remote Terminal Unit

Service U.S. Fish and Wildlife Service

SHPO State Historic Preservation Office

TATS Technical Assistance to States

the Court U.S. Supreme Court

TOC Top of conservation pool

USBR Bureau of Reclamation

USDA, ERS U.S. Department of Agriculture Economic Research Service

USGS U.S. Geological Survey

VE Value Engineering