



BUDGET The United States
Department of the Interior

JUSTIFICATIONS

and Performance Information
Fiscal Year 2004

**BUREAU OF
RECLAMATION**

NOTICE: These budget justifications are prepared for the Energy and Water Development Appropriations Subcommittee. Approval for release of the justifications prior to their printing in the public record of the Subcommittee hearings may be obtained through the Office of Budget of the Department of the Interior

Table of Contents

General Statement	Page
General Statement - Overview	1
Budget Authority, FY 2002 - FY 2004 Table.....	3
Bureau of Reclamation Major Offices and Regional Boundaries Map.....	4
Reclamation Chart by Appropriations and Program Activities.....	5
Organizational Structure Chart.....	6
Budget and Performance Integration	7

Water and Related Resources

Water and Related Resources Appropriation - Overview.....	1
Summary of Request by Project Table.....	9

Activities/Projects by Region:

Pacific Northwest Region

Map of Projects	PN-3
Projects and Programs	PN-4
Budget Summary	PN-5
Overview	PN-6
Budget and Performance Integration (GPRA)	PN-8
Boise Area Projects.....	PN-14
Columbia and Snake Rivers/Federal Columbia River Power System (FCRPS) ESA Implementation	PN-17
Columbia Basin Project	PN-21
Crooked River Project.....	PN-24
Deschutes Ecosystem Restoration Project.....	PN-26
Deschutes Project	PN-28
Deschutes Project, Wickiup Dam	PN-30
Drain Water Management Study, Boise Project	PN-32
Eastern Oregon Projects.....	PN-34
Endangered Species Recovery Implementation (Conservation and Consultation).....	PN-36
Grande Ronde Water Optimization Study.....	PN-38
Hungry Horse Project	PN-41
Idaho Investigations Program	PN-43
Lower Elwha Klallam Rural Water Supply Feasibility Study.....	PN-47
Makah Indian Community Water Supply Feasibility Study	PN-49
Minidoka Area Projects.....	PN-50
Minidoka Northside Drain Water Management Project	PN-54
Montana Investigations Program	PN-56
Oregon Investigations Program	PN-59
Rogue River Basin Project, Talent Division.....	PN-62
Storage Dam Fish Passage Feasibility Study – Yakima Project.....	PN-65
Tualatin Project	PN-67
Tulalip Tribe Water Quality Feasibility Study	PN-69
Umatilla Basin Project, Phase III Study.....	PN-71
Umatilla Project.....	PN-73
Washington Investigations Program	PN-75
Yakima Project	PN-78
Yakima Project, Keechelus Dam SOD.....	PN-81
Yakima River Basin Water Enhancement Project.....	PN-83

Table of Contents

Mid-Pacific Region

Map of Projects	MP-2
Projects and Programs Map Key	MP-3
Budget Summary Table	MP-4
Overview	MP-5
Budget and Performance Integration (GPRA)	MP-7
Cachuma Project	MP-11
California Investigations Program	MP-13
Central Valley Project (CVP)	
American River Division, Folsom Dam Unit/Mormon Island (Safety of Dams).....	MP-15
Auburn - Folsom South Unit	MP-19
Delta Division	MP-22
East Side Division	MP-27
Friant Division	MP-30
Miscellaneous Project Programs	MP-33
Replacements, Additions, Extraordinary Maintenance Program	MP-38
Sacramento River Division	MP-40
San Felipe Division	MP-44
San Joaquin Division.....	MP-47
Shasta Division	MP-50
Trinity River Division	MP-54
Water and Power Operations	MP-58
West San Joaquin Division, San Luis Unit	MP-61
Yield Feasibility Investigation	MP-66
Endangered Species Recovery Implementation.....	MP-67
Klamath Project	MP-68
Lahontan Basin Project (Humbolt, Newlands, and Washoe Projects).....	MP-71
Lake Tahoe Regional Wetlands Development	MP-75
Orland Project	MP-76
San Jose Area Water Reclamation and Reuse Program - Title XVI	MP-77
Solano Project	MP-79
Ventura River Project	MP-81

Lower Colorado Region

Map of Projects and Programs	LC-2
Projects and Programs	LC-3
Budget Summary Table	LC-4
Overview	LC-5
Budget and Performance Integration (GPRA)	LC-8
Ak Chin Indian Water Rights Settlement Act Project	LC-12
Calleguas Municipal Water District Recycling Project.....	LC-13
Colorado River Basin Project, Central Arizona Project	LC-15
Colorado River Basin Salinity Control Project - Title I	LC-26
Colorado River Front Work and Levee System.....	LC-30
Colorado River Water Quality Improvement Program.....	LC-32
Endangered Species Conservation/Recovery Project	LC-34

Table of Contents

Lower Colorado Region (continued)	Page
Fort McDowell Settlement Act	LC-37
Halfway Wash Project/Study	LC-39
Lake Mead/Las Vegas Wash Program.....	LC-41
Long Beach Area Water Reclamation Project	LC-43
Lower Colorado River Investigations Program	LC-45
Lower Colorado River Operations Program.....	LC-47
North San Diego County Area Water Recycling Program.....	LC-51
Northern Arizona Investigations Program.....	LC-53
Orange County Regional Water Reclamation Project, Phase I.....	LC-55
Parker-Davis Project.....	LC-57
Phoenix Metropolitan Water Reclamation and Reuse Project	LC-58
Salt River Project.....	LC-60
Salton Sea Research Project.....	LC-61
San Diego Area Water Reclamation Program.....	LC-64
San Gabriel Basin Project	LC-67
Southern Arizona Water Rights Settlement Act Project	LC-70
Southern California Investigations Program.....	LC-73
South/Central Arizona Investigations Program	LC-76
Tres Rios Wetlands Demonstration	LC-79
Yuma Area Projects	LC-81
Upper Colorado Region	
Map of Projects/Programs.....	UC-3
Projects and Programs	UC-4
Budget Summary Table	UC-5
Overview	UC-6
Budget and Performance Integration.....	UC-8
Animas-La Plata Project, Colorado River Storage, Participating Project	UC-13
Balmorhea Project	UC-5
Carlsbad Project	UC-16
Collbran Project.....	UC-18
Colorado River Basin Salinity Control Project, Title II – Basinwide Program.....	UC-20
Colorado River Storage Project, Section 5.....	UC-22
Bonneville Unit, Central Utah Project	UC-23
Bostwick Park Project	UC-23
Colorado River Storage Project (Initial Units).....	UC-24
Dallas Creek Project.....	UC-24
Dolores Project.....	UC-24
Eden Project.....	UC-24
Emery County Project,	UC-24
Florida Project	UC-25
Hammond Project.....	UC-25
Jensen Unit, Central Utah Project	UC-25
Lyman Project.....	UC-25
Paonia Project	UC-25

Table of Contents

Upper Colorado Region (continued)

San Juan-Chama Project.....	UC-26
Silt Project	UC-26
Smith Fork Project	UC-26
Vernal Unit, Central Utah Project	UC-27
Colorado River Storage Project, Section 8, Recreational and Fish and Wildlife Facilities.....	UC-28
Glen Canyon Unit.....	UC-30
Navajo Unit.....	UC-30
Wayne N. Aspinall Storage Unit.....	UC-30
Colorado River Water Quality Improvement Program.....	UC-31
Endangered Species Recovery Implementation Program.....	UC-33
Fruitgrowers Dam Project	UC-36
Grand Valley Unit, CRBSCP, Title II	UC-37
Hyrum Project	UC-39
Mancos Project.....	UC-40
Middle Rio Grande Project.....	UC-41
Moon Lake Project	UC-44
Navajo-Gallup Water Supply Project	UC-45
Navajo Nation Investigations Program	UC-46
Newton Project	UC-48
Northern Utah Investigations Program.....	UC-49
Ogden River Project.....	UC-51
Paradox Valley Unit, CRBSCP, Title II	UC-53
Pecos River Basin Water Salvage Project.....	UC-54
Pine River Project	UC-55
Provo River Project.....	UC-57
Rio Grande Project	UC-59
San Juan River Basin Investigations Program.....	UC-61
San Luis Valley Project.....	UC-63
Scofield Project.....	UC-65
Southern New Mexico/West Texas Investigations Program.....	UC-05
Southern Utah Investigations Program.....	UC-66
Strawberry Valley Project	UC-68
Tucumcari Project	UC-69
Uncompahgre Project.....	UC-70
United States/Mexico Border Issues - Technical Support	UC-05
Upper Rio Grande Basin Investigations Program.....	UC-05
Weber Basin Project	UC-71
Weber River Project.....	UC-73

Great Plains Region

Map of Projects and Programs	GP-4
Projects and Programs Map Key	GP-5
Budget Summary Table	GP-6
Overview	GP-7
Budget and Performance Integration.....	GP-10
Arbuckle Project	GP-15

Table of Contents

Great Plains Region (continued)	Page
Canadian River Project	GP-16
Colorado-Big Thompson Project	GP-17
Colorado-Big Thompson Project, Horsetooth Dam	GP-19
Colorado Investigations Program.....	GP-21
Dakotas Investigations Program.....	GP-23
Dakotas Tribes Investigations Program	GP-25
Endangered Species Recovery Implementation Program (Platte River)	GP-27
Fryingpan-Arkansas Project	GP-29
Kansas Investigations Program	GP-31
Kendrick Project	GP-33
Leadville/Arkansas River Recovery Project	GP-35
Lewis and Clark Rural Water System.....	GP-6
McGee Creek Project	GP-37
Mid-Dakota Rural Water Project	GP-38
Milk River Project	GP-41
Mirage Flats Project	GP-43
Mni Wiconi Project.....	GP-44
Montana Investigations Program.....	GP-47
Mountain Park Project	GP-49
Nebraska Investigations Program	GP-50
Norman Project.....	GP-53
North Platte Project	GP-55
Nueces River Project.....	GP-57
Oklahoma Investigations Program.....	GP-58
Pick-Sloan Missouri Basin Program, Garrison Diversion Unit	GP-60
Pick-Sloan Missouri Basin Program - Other	GP-65
Rapid Valley Project	GP-81
Rocky Boys Indian Water Rights Settlement.....	GP-6
San Angelo Project	GP-82
Shoshone Project	GP-83
Texas Investigations Program	GP-86
W.C. Austin Project.....	GP-88
Washita Basin Project.....	GP-89
Wichita Project.....	GP-90
Bureauwide Programs	
Budget Summary Table	BW-3
Overview	BW-4
Dam Safety Program	BW-7-12
Department of the Interior Dam Safety Program	BW-9
Initiate Safety of Dams Corrective Action	BW-8
Safety Evaluation of Existing Dams	BW-7
Safety of Dams Corrective Action Studies	BW-9
Departmental Irrigation Drainage Program.....	BW-13
Drought Emergency Assistance Program.....	BW-15
Efficiency Incentives Program.....	BW-16
Emergency Planning and Disaster Response Program	BW-18

Table of Contents

Bureauwide Program (continued)

	Page
Environmental and Interagency Coordination Activities	BW-20
Environmental Program Administration.....	BW-21
Examination of Existing Structures	BW-23
Federal Building Seismic Safety Program.....	BW-25
General Planning Activities	BW-26
Western Water Initiative	
Strengthening Endangered Species Act Expertise.....	BW-27
Expanded Science and Technology Program	BW-28
Preventing Water Management Crisis	BW-29
Enhanced Water Management and Conservation	BW-30
Land Resources Management Program.....	BW-32
Miscellaneous Flood Control Operations	BW-35
Native American Affairs Program.....	BW-36
Negotiation and Administration of Water Marketing.....	BW-39
Operation and Maintenance Program Management	BW-40
Power Program Services	BW-42
Public Access and Safety Program.....	BW-44
Reclamation Law Administration	BW-45
Reclamation Recreation Management Act - Title XXVIII	BW-46
Recreation and Fish and Wildlife Program Administration	BW-49
Science and Technology Program.....	BW-52-61
Advanced Water Treatment Research	BW-59
Applied Science and Technology Development.....	BW-57
Desalination Research Development	BW-60
Hydroelectric Infrastructure Protection/Enhancement	BW-59
Technology Advancement	BW-61
Watershed/River Systems Management.....	BW-59
Site Security Program/Counter-Terrorism	BW-62
Soil and Moisture Conservation	BW-65
Technical Assistance to States.....	BW-66
Title XVI Water Reclamation and Reuse Program.....	BW-67
Water Management and Conservation Program	BW-69
Central Valley Project Restoration Fund	
Summary	Restoration Fund-1
Central Valley Project Restoration Fund.....	Restoration Fund-2
California Bay-Delta Restoration Fund	California Bay-Delta-1

Table of Contents

Loan Program

Table of Contents	Loan-1
FY 2004 Loan Program Budget Summary.....	Loan-2
Loan Program Appropriation FY 2004 Overview	Loan-3
Loan Administration	Loan-4

Policy and Administration	P&A-1
--	-------

Working Capital Fund	WCF-1
-----------------------------------	-------

Permanent Appropriations

Summary Page.....	PA-1
Colorado River Dam Fund, Boulder Canyon Project	PA-2
Miscellaneous Permanent Appropriations	PA-4

Revenue Financed Programs

Revenue Financed Programs.....	RF-1
Lower Colorado River Basin Development Fund, Central Arizona Project.....	RF-2
Upper Colorado River Basin Fund, Colorado River Storage Project, Revenues	RF-4

Appropriation Language

Appropriation Language for FY2004	AL-1
Explanation of Changes in Appropriation Language	AL-2

Appendix

Table of Contents	Appendix-1
Benefit Cost Ratios as of October 1, 2003.....	Appendix-2
Land Certification.....	Appendix-5
Obligations by Function for Operating Projects	
Pacific Northwest Region.....	Appendix-8
Mid-Pacific Region.....	Appendix-10
Lower Colorado Region	Appendix-13
Upper Colorado Region	Appendix-15
Great Plains Region	Appendix-20
Project Repayment FY 2004	Appendix-25
Status of NEPA Compliance.....	Appendix-33
Status of Water Service and Repayment Contracts	Appendix-39
Summary of Irrigation Investment	Appendix-43

Index