

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Jeff Bingaman

Project Name: Rio Grande Basin, NM, Co, and TX

Project Recipient Name, Phone Number, Address, email: Interstate Stream Commission, 407 Galisteo Street , Bataan Memorial Building, P.O. Box 25102 Santa Fe, NM 87504-5102

Project Location (if different from above): Rio Grande Basin

Project Purpose: The Rio Grande Basin is located in the states of Colorado, New Mexico and Texas, and encompasses an area over 160,000 square miles, from the Rio Grande's headwaters in central Colorado to its mouth on the Gulf of Mexico near Brownsville, Texas. Water conveyance and delivery, ecosystem degradation, and flooding are major issues in the basin. Water supply and flood control in the Rio Grande Basin fall under the management and jurisdiction of an international treaty, an interstate compact, and several Federal, State and local agencies. The study will identify ways to integrate the programs, policies, and resources of all concerned agencies into a multi-objective water resources plan.

Project Benefit to the Taxpayer: Ecosystem Restoration

Agency: Army Corps of Engineers

Program Account Name and sub account if applicable: General Investigations

FY 2008 Funding Level (\$ in Thousands): 246

FY 2009 Funding Level (\$ in Thousands): 478

Member's FY 2010 Funding Request (\$ in Thousands): 120

Type of Entity: State Government

New Study or Construction Start (Y/N): No

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Jeff Bingaman

Project Name: Rio Grande Environmental Management Program CO, NM, and TX,
Section 5056, WRDA 2007 (PL 110-114)

Project Recipient Name, Phone Number, Address, email: State of New Mexico
Interstate Stream Commission and State of Texas.,407 Galisteo Street , Bataan Memorial
Building, P.O. Box 25102 Santa Fe, NM 87504-5102

Project Location (if different from above): Rio Grande Basin

Project Purpose: The Rio Grande Environmental Management Program was authorized in Section 5056 of the Water Resource Development Act of 2007. The authority directs the Secretary to carry out a program in the Rio Grande Basin (including all tributaries and their headwaters from the Rio Grande Reservoir, near Creede, Colorado to the Gulf of Mexico) for planning, construction, and evaluation of measures for fish and wildlife habitat rehabilitation and enhancement. The authority also directs the Secretary to implement a program for long term monitoring, a computerized data inventory, and performing analysis, applied research, and adaptive management.

Project Benefit to the Taxpayer: Ecosystem Restoration

Agency: Army Corps of Engineers

Program Account Name and sub account if applicable: Construction

FY 2008 Funding Level (\$ in Thousands): zero

FY 2009 Funding Level (\$ in Thousands): zero

Member's FY 2010 Funding Request (\$ in Thousands): 6,100

Type of Entity: state government

New Study or Construction Start (Y/N): Yes

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Jeff Bingaman

Project Name: Rio Grande Floodway, San Acacia to Bosque del Apache, NM

Project Recipient Name, Phone Number, Address: Middle Rio Grande Conservancy District, Albuquerque, NM and State of New Mexico Interstate Stream Commission Texas, 407 Galisteo Street, Bataan Memorial Building, P.O. Box 25102 Santa Fe, NM 87504-5102

Project Location (if different from above): same

Project Purpose: The project consists of the reconstruction of approximately 44 miles of existing west side spoil bank levee located along the Rio Grande, extending from the upper end of the Rio Grande Low-Flow Conveyance Channel at the San Acacia diversion works to the San Marcial railroad bridge. The primary benefit is the protection of the Rio Grande Low-flow Conveyance Channel from Rio Grande flooding. At present, the project is being reviewed to reaffirm its costs and benefits in the Limited Reevaluation Report.

Project Benefit to the Taxpayer: Flood damage reduction

Agency: Army Corps of Engineers

Program Account Name and sub account if applicable: Construction

FY 2008 Funding Level (\$ in Thousands): 749

FY 2009 Funding Level (\$ in Thousands): 766

Member's FY 2010 Funding Request (\$ in Thousands): 800

Type of Entity: local and state governments

New Study or Construction Start (Y/N): No

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Jeff Bingaman

Project Name: Rio Grande Pueblo Irrigation Infrastructure Study

Project Recipient Name, Phone Number, Address: Rio Grande Pueblos, (All Indian Pueblo Council), 2401 12th Street NW, 87104

Project Location (if different from above): Multiple Counties in New Mexico

Project Purpose: To conduct a study of Pueblo irrigation infrastructure and identify appropriate rehabilitation projects as called for in P.L. 111-11 section 9106.

Project Benefit to the Taxpayer: To fulfill trust responsibility to Pueblo Indians and increasing water efficiency along Río Grande basin.

Agency: BOR

Program Account Name and sub account if applicable: Water & Related Resources; Upper Colorado Region

FY 2008 Funding Level (\$ in Thousands): \$0

FY 2009 Funding Level (\$ in Thousands): \$0

Member's FY 2010 Funding Request (\$ in Thousands): \$4,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Federal

New Study or Construction Start (Y/N): Y

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Jeff Bingaman

Project Name: Santa Fe, NM

Project Recipient Name, Phone Number, Address, email: City of Santa Fe and Santa Fe County, 200 Lincoln Ave. Santa Fe, NM 87504-0909

Project Location (if different from above): Same

Project Purpose: The study area is located in Santa Fe, New Mexico, along the Santa Fe River in north central New Mexico. The study purposes include flood damage reduction, ecosystem restoration, and watershed planning within the Santa Fe River watershed. Federal interest in the project was established in the reconnaissance level report, approved in June 2003. The cost-shared watershed study was initiated in August 2006 with the study's sponsors, the City of Santa Fe and Santa Fe County.

Project Benefit to the Taxpayer: Flood Damage Reduction

Agency: Army Corps of Engineers

Program Account Name and sub account if applicable: General Investigations

FY 2008 Funding Level (\$ in Thousands): 172

FY 2009 Funding Level (\$ in Thousands): 27

Member's FY 2010 Funding Request (\$ in Thousands): 228

Type of Entity: Local Government

New Study or Construction Start (Y/N): No

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Jeff Bingaman

Project Name: Santa Rosa Dam and Lake, NM

Project Recipient Name, Phone Number, Address: ACOE Albuquerque District, 4101 Jefferson Plaza NE, 87109

Project Location (if different from above): Guadalupe County

Project Purpose: The project is located in Guadalupe County, on the Pecos River, approximately 7 miles north of Santa Rosa, New Mexico. The project consists of an earth and rock fill dam 1,950 feet long and 212 feet maximum height above the streambed. The contributing drainage area is 2,434 square miles. The project was completed in 1979. Reservoir operation for irrigation was started in March 1980. Project has been operational since 1980. Routine Operation and Maintenance funding supports eight Federal positions and could potentially generate another eight private sector jobs. Full funding of the remaining activity including rehabilitation of visitor center and displays has the potential to generate one private sector job.

Project Benefit to the Taxpayer: The project provides flood damage reduction as one unit of the flood control plan for the Pecos River and its Tributaries. P.L. 83-780 Flood Control Act of 1954

Agency: ACOE

Program Account Name and sub account if applicable: O&M

FY 2008 Funding Level (\$ in Thousands): \$2,285

FY 2009 Funding Level (\$ in Thousands): \$873

Member's FY 2010 Funding Request (\$ in Thousands): \$1,199

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Federal Government

New Study or Construction Start (Y/N): N

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Jeff Bingaman

Project Name: Scheduling Reservoir Operations, NM

Project Recipient Name, Phone Number, Address: ACOE Albuquerque District, 4101 Jefferson Plaza NE, 87109

Project Location (if different from above): Statewide

Project Purpose: The Corps provides reservoir flood control regulation for the Bureau of Reclamation's Brantley Dam, Sumner Lake, and Navajo Reservoir under Section 7 of the Flood Control Act of 1944. Funding for this activity would support three Federal positions and has the potential to generate three other private sector jobs.

Project Benefit to the Taxpayer: Flood Damage Reduction, Pursuant to section 7 Flood Control Act of 1944 ER 1110-2-240 dated 8 October 1982, EM 1110-2-3600 dated 30 November 1987, and EC 1110-2-8156 dated 31 August 1995

Agency: ACOE

Program Account Name and sub account if applicable: O&M

FY 2008 Funding Level (\$ in Thousands): \$819

FY 2009 Funding Level (\$ in Thousands): \$468

Member's FY 2010 Funding Request (\$ in Thousands): \$477

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Federal Government

New Study or Construction Start (Y/N): N

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Jeff Bingaman

Project Name: Section 729, Rio Grande Basin, CO, NM, and TX; San Acacia, NM to Fort Quitman, TX; Salinity Management Study Phase III – Part II

Project Recipient Name, Phone Number, Address, email:

Organization: New Mexico Office of the Attorney General
P.O. Drawer 1508
Santa Fe, NM 87504

Project Location (if different from above):

Upper Rio Grande Basin from San Acacia, NM to Ft. Quitman, TX

Project Purpose:

Problems associated with elevated salinity in the Rio Grande from above Elephant Butte Reservoir, New Mexico, to Fort Quitman, Texas, have long been recognized and are increasing due to rapid urban growth and increasing water demand. Recent research has identified natural sources as the principal salinity contributor in the area, offering hope for intercepting salinity before it impacts water supplies.

The multi-state Rio Grande Project Salinity Management Coalition was formed to improve water quality in the New Mexico -Texas border region, and provides technical guidance. The Coalition is composed of TX, NM, and CO state water agencies; irrigation districts; El Paso and Las Cruces water utilities; and university researchers.

The Program includes four parts: 1) Rio Grande Project Salinity Assessment; 2) Feasibility Study; 3) Project Implementation/ Pilot-Scale Testing; and 4) Evaluate project effectiveness. Phase 1, funded through USACE WRDA Section 729, is scheduled for October 2009 completion. Funding is needed for Part 2 beginning in October 2009. The work scope is composed of filling critical data gaps and developing salinity management alternatives with the goal of design and construction of projects in early FY 2011. The majority of this work will be performed by non-government contractors and will result in job creation.

Project Benefit to the Taxpayer:

The Rio Grande Project Salinity Management Program is a multistate project to reduce salinity concentrations and increase usable water supplies in the New Mexico-Texas border region. This ongoing effort has been highly successful at fostering interstate collaboration and reducing the threat of interstate litigation. Supreme Court litigation seemed almost inevitable a few years ago,

but this and other efforts have forestalled litigation.

Agency: Army Corps of Engineers

Program Account Name and sub account if applicable: GI

FY 2008 Funding Level (\$ in Thousands): NA

FY 2009 Funding Level (\$ in Thousands): NA

Member's FY 2010 Funding Request (\$ in Thousands): \$1,100

Type of Entity: State Government

New Study or Construction Start (Y/N): Y

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Bingaman

Project Name: Solar Power Generation at Albuquerque International Sunport

Project Recipient Name, Phone Number, Address: City of Albuquerque

Albuquerque International Sunport

2200 Sunport Blvd. SE

Albuquerque, Bernalillo County, NM 87106

Project Location (if different from above):

Project Purpose: This project promotes the development of renewable energy and allows for a reduction in power costs at the Albuquerque International Sunport airport. The purpose of this project is to install photovoltaic (PV) panels on the canopies of the parking structure and the roof of the newly constructed security checkpoint at the terminal. This project is anticipated to be the first of a phased distribution of PV arrays, and will generate approximately 185 kW of renewable energy.

Project Benefit to the Taxpayer: The Sunport is a major consumer of electrical energy, the cost of which has risen markedly in the past eight months with projected additional increases in the next year. This cost, ultimately, is born by the traveling public. In an effort to reduce this cost, to promote the sustainability management system for the airports and the City, and to take advantage of the favorable solar environment that exists in our area, the Sunport has begun efforts on several solar power projects.

Agency (examples: Army Corps of Engineers, Department of Energy, etc): **DOE**

Program Account Name and sub account if applicable: Energy Efficiency and Renewable Energy

FY 2008 Funding Level (\$ in Thousands):

FY 2009 Funding Level (\$ in Thousands):

Member's FY 2010 Funding Request (\$ in Thousands): \$1,500

Type of Entity: Local Government

New Study or Construction Start (Y/N): Y

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST SHEET (Make this fit on ONE page)

MEMBER: Bingaman

Project/Study/Activity Name: Solid State Lighting Manufacturing Initiative-Department of Energy

Project/Study/Activity Recipient Name and Location(if any):

The proponents of the project which is not an earmark but a program add to the Solid State Lighting Office in the Department of Energy are:

Sandia National Laboratory, P.O. Box 5800, Albuquerque, NM 87185

Philips-Lumileds, 370 w. Trimble Road, San Jose, CA 95131

Applied Materials, 3050 Bowers Ave., P.O. Box 58039, Santa Clara, CA 95052

KLA-Tencor, One Technology Drive, Milpitas, CA 95035

Stanford University, 450 Serra Mall, Stanford, CA 94305

Veeco Instruments, Terminal Drive, Plainview, NY 11803

Crystal IS, 70 Cohoes Ave., Green Island, NY 12183

Project/Study/Activity Location (all the above institutions and addresses)

Project/Study/Activity Purpose: (1 paragraph) The solid state lighting manufacturing project accelerates the reduction of cost and accelerates the adoption of energy efficient solid state lighting by providing specialized equipment and manufacturing technologies to the emerging solid state lighting industry.

Agency: Department of Energy

Bill Title (I-IV): Title III (DOE)

Program Account Name and sub account if applicable Energy Efficiency and Renewable Energy, Building Technologies, Emerging Technologies, Lighting Research and Development (Solid State Lighting)

FY2009 Funding Level: \$0

Amount in President's FY 2010 Budget: \$0

Member's FY2010 Funding Request: \$10M

New Study or Construction Start: no

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST SHEET

MEMBER: Jeff Bingaman

Project Name: Southwest Valley, Albuquerque, NM (Completion)

Project Recipient Name, Phone Number, Address: Bernalillo County Dept. of Public Works and the Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA)

Project Location: Southwest Valley in Bernalillo County, NM

Project Purpose: The Southwest Valley is subject to flooding from west mesa runoff. Storm waters flood developed areas in the southwest valley because the valley property is lower than the river. The main existing drainage facility in the southwest valley is the Isleta Drain, an agricultural drain constructed by the Middle Rio Grande Conservancy District. The project was authorized for construction in the Water Resources Development Act of 2007.

Project Benefit to the Taxpayer: Reduced risk of flood and storm damage

Agency: Army Corps of Engineers

Program Account Name and sub account if applicable ACOE – Construction

FY2008 Funding Level (\$ in Thousands): 984

FY2009 Funding Level (\$ in Thousands): 3,828

Member's FY2010 Funding Request (\$ in Thousands): 9,815

Type of Entity: Local Government

New Study or Construction Start (Y/N): NO

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Bingaman

Project Name: The State of New Mexico Green Grid Initiative

Project Recipient Name, Phone Number, Address: State of New Mexico, State Capitol Building, Suite 400, Santa Fe, New Mexico 87501

Project Location (if different from above):

Project Purpose: The New Mexico Green Grid Initiative is a four-year program that is being developed by a collaboration involving the state, businesses, utilities, regulatory agencies, environmental groups, national laboratories, and colleges and universities. The Initiative addresses the full range of issues (economic, regulatory, technical, workforce, environmental) that must be resolved before a statewide green grid can be constructed.

Project Benefit to the Taxpayer: Addressing our ageing electric grid infrastructure, transitioning to clean and renewable energy sources, and growing clean and green business is critical if this nation is to return to prosperity. The New Mexico Green Grid Initiative is a bold but realistic step in developing the capabilities needed for New Mexico, the Southwest, and the Nation to address both energy independence and global climate change in the next decade. It will provide a model and the technical, business, and financial basis to start building out a full-scale green grid within four years.

Agency (examples: Army Corps of Engineers, Department of Energy, etc): **DOE**

Program Account Name and sub account if applicable: DOE-Energy Efficiency and Renewable Energy or Electricity Delivery and Energy Reliability

FY 2008 Funding Level (\$ in Thousands): N/A

FY 2009 Funding Level (\$ in Thousands): N/A

Member's FY 2010 Funding Request (\$ in Thousands): \$1,000,000

Type of Entity: State Government Entity

New Study or Construction Start (Y/N): Y

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Member: Bingaman

Project Name: Technology Transfer & Commercialization of Technologies at DOE Laboratories.

Project Recipient Name, Phone Number, Address: Technology Ventures Corporation, phone, 1155 University Blvd., SE, Albuquerque, New Mexico 87106

Project Location (if different from above):

Project Purpose: The DOE generates outstanding science and leads the nation in the development of new nuclear and alternative energy generation technologies as well as supporting scientific research and technologies that maintain, enhance and safeguard the Nation's infrastructure capability. The development and commercialization of these technologies meets the Nation's energy and national security needs. TVC is applying its proven successful and effective methodologies to help achieve this goal by identifying technologies with commercial potential, developing business cases around the technologies, finding private sector equity investors to invest in the resulting new businesses, and creating new jobs.

Project Benefit to the Taxpayer: TVC's activities under this Agreement will make an important contribution to technology transfer and commercialization of DOE national laboratory technologies by bringing advanced technologies more rapidly and efficiently to the marketplace. When commercialized, these technologies enhance the United States' economic competitiveness, reduce reliance upon foreign sources of energy, generate clean sources of energy, and create quality jobs.

Agency (examples: Army Corps of Engineers, Department of Energy, etc): DOE

Program Account Name and sub account if applicable:

FY 2008 Funding Level (\$ in Thousands): \$2,952

FY 2009 Funding Level (\$ in Thousands): \$2,854

Member's FY 2010 Funding Request (\$ in Thousands): \$3,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Non Profit 501(c)(3)

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

REQUEST SHEET

MEMBER: Jeff Bingaman

Project Name: Town of Bernalillo, NM, Section 205

Project Recipient Name, Phone Number, Address: Town of Bernalillo, 829 Camino Del Pueblo, Bernalillo, NM 87004

Project Location: Town of Bernalillo, NM

Project Purpose: The study area is located in Sandoval County, approximately 15 miles north of Albuquerque, New Mexico. The project area encompasses several named and unnamed drainages tributary to the Rio Grande. Recent urban development in the area has been subjected to flood damages with increasing frequency and severity. The reconnaissance will seek to establish the scope of, and Federal interest in, potential flood damage reduction project(s) in the affected area.

Project Benefit to the Taxpayer: Reducing the risk of flood and storm damage

Agency: Army Corps of Engineers

Program Account Name and sub account if applicable ACOE – Continuing Authorities, Section 205

FY 2008 Funding Level (\$ in Thousands): zero

FY 2009 Funding Level (\$ in Thousands): zero

Member's FY 2010 Funding Request (\$ in Thousands): 400

Type of Entity: Local Government

New Study or Construction Start: Yes