

ARIZONA DEPARTMENT OF WATER RESOURCES

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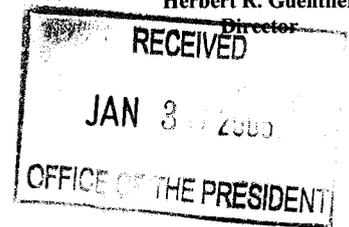
January 25, 2006

Janet Napolitano
Governor

Herbert R. Guenther
Director

The Honorable Ken Bennett
President of the Senate
The Arizona State Senate
1700 West Washington
Phoenix, AZ 85007

The Honorable James P. Weiers
Speaker of the House
Arizona House of Representatives
1700 West Washington
Phoenix, AZ 85007



Dear President Bennett and Speaker Weiers:

This letter constitutes the Department of Water Resources' annual report on the status of the Dam Repair Fund, as required by A.R.S. 45-1212.01. This report covers calendar year 2005.

The Dam Repair Fund balance at the end of calendar year 2005 was \$913,775.44. In calendar year 2005, the Department expended \$1,057,549.01 from the Dam Repair Fund:

- **Lake Bonita Dam** – Granted \$108,115 for removal of the unsafe dam in Maricopa County.
- **River Reservoir No. 3 Dam** – Expended \$923,744 for repair of the unsafe dam in Apache County. In calendar year 2006, the Department expects to expend an additional \$350,000 from the Dam Repair Fund for remaining invoices related to the repair project.
- **City Dam** – Granted \$18,621 for completion of engineering design for needed rehabilitation of the unsafe dam in Coconino County.
- Expended \$7,069 for **creation of flood inundation maps** downstream of several unsafe dams for inclusion in Emergency Action Plans.

The attached *Statement of Revenues and Expenditures* provides the details of the Fund activity. Given the availability to utilize the Fund, two high hazard unsafe dams were successfully rehabilitated and removed from the list of Arizona's Unsafe Dams.

While these funds remain small in comparison to the overall need (see attached *Estimated Rehabilitation Needs for Arizona Unsafe Dams*), the Department will continue to work with the owners of unsafe dams to use these limited funds in the best way possible to improve the safety of non-federal dams in Arizona.

Sincerely,

Herbert R. Guenther

HRG:DJ:ckl

Enclosures: Calendar Year 2005 Annual Report for Dam Repair Fund
Estimated Rehabilitation Needs for Arizona Unsafe Dams

Celebrating 25 Years

**Arizona Department of Water Resources
Annual Report for Dam Repair Fund
Calendar Year 2005**

Fund Balance January 1, 2005	<u>1,009,077.58</u>
Revenues:	
Transfers In (Game & Fish)	950,000.00
Interest Earned	32,339.79
Fees Collected	265,907.08
	<u>1,248,246.87</u>
Expenditures:	
Maricopa County:	
Lake Bonita	108,115.00
Apache County:	
River Reservoir Dam # 3	923,744.10
Coconino County:	
City Dam, Williams	25,689.91
ADWR Operating Expenses Charged to Dam Repair Fund Under FY 2005 Legislative Authority	286,000.00
	<u>1,343,549.01</u>
Fund Balance December 31, 2005	<u><u>913,775.44</u></u>
Outstanding Encumbrances	<u>513,767.17</u>
Unobligated Balance	<u>400,008.27</u>

Estimated Rehabilitation Needs for Arizona Unsafe Dams

County	Unsafe Dam	Persons-at-Risk ¹	Owner	Estimated Cost
Coconino	City ²	> 300	City of Williams	1,500,000
Coconino	Fredonia ²	> 300	Town of Fredonia	10,000,000
Pinal	Florence Retarding ²	> 300	Florence Flood Control District	\$10,000,000 ³
Pinal	Magma Retarding ²	> 300	Magma Flood Control District	\$10,000,000
Graham	Frye Creek Retarding	> 300	Town of Thatcher	\$3,000,000
Graham	Graveyard Wash	> 300	City of Safford	\$5,000,000
Graham	Stockton Wash Retarding	30 - 300	Graham County	\$3,000,000
Graham	Central Detention	> 300	Private Owner	150,000
Navajo	Millet Swale	30 - 300	Silver Creek Irrigation District	\$2,000,000
Navajo	Jaques	> 300	City of Show Low	3,000,000
Yavapai	Granite Creek	> 300	City of Prescott	\$1,000,000
Yavapai	Wineglass Ranch	30 - 300	Arizona State Land Department	\$500,000 ⁴
Apache	Colter	30 - 300	Lyman Water Company	\$1,000,000
Cochise	Amerind No. 8	30 - 300	Private Owner	\$100,000
Estimated Total				\$50,250,000

¹Number of persons, who without evacuation, are within the predicted flooding in event of dam failure.

²Highest Priority Dams due to severity of identified Safety Deficiencies and risk of failure.

³\$4,000,000 funding obtained through NRCS Dam Repair Program for repair of deficiency related to cracking.

⁴\$500,000 funding obtained through State/local cost-share.