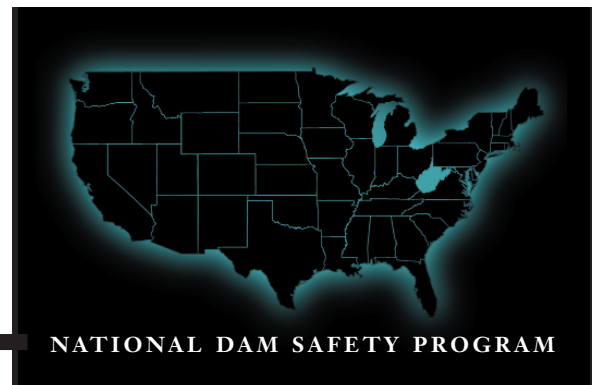


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WEST VIRGINIA



Program Improvements

West Virginia applied the FY1998 state assistance funds to the repair and procurement of hosing for eight existing tractor driven pumps previously utilized under the Civil Defense system. The pumps are mounted on trailer frames and are capable of discharging about 2,500 gpm maximum using a farm tractor power takeoff. The WV Division of Highways stores the pumps at district offices state-wide. The final product is reliable, high-capacity pumping capability at strategic locations with associated hoses for as many of the pumps as possible with state assistance award funds. The pumps benefit the dam safety program by providing the capability to reduce or drain reservoirs in emergency situations.

Future Challenges

In 2000, the WV Dam Safety Program identified forty-two water impoundments with major structural deficiencies, thirty-nine of which are high-hazard-potential structures. The average cost of bringing a dam into compliance with Corps of Engineers standards is in excess of \$500,000. As many dam owners lack the financial resources to upgrade their dams, the state dam safety office intends to propose establishment of a revolving loan fund to help owners finance upgrades.

Total state assistance grants received 1998-2002

1998	1999	2000-2002	Total
\$10,736	\$20,944	\$113,382	\$145,062

Repair of emergency pumps and Y2K software program upgrade.

West Virginia Dam Safety Program Statistics 1998-2001 (Annual figures)

1998: Prior to implementation of the NDSP

2001: Four years after implementation of the NDSP

	1998	2001
Staff	6	6
Budget	\$326,413.00	\$335,663.00
Inspections completed/yr	NA	107
State-regulated high hazard potential dams	238	245
EAPs on file - high hazard dams	170	148
State-regulated significant hazard potential dams	61	65
EAPs on file - significant hazard dams	2	3

Total training grants awarded 1998-2001

1998	1999	2000	2001	Total
\$5,600	\$3,160	\$3,000	\$2,000	\$13,760

State training grant expenditures:

Staff attendance at Association of State Dam Safety Officials annual and regional conferences