Department of the Interior
Recovery Investments *Investing in America's Economic Recovery*

# Sky Islands and Desert Seas Restoration, Phase I: Red Knolls Erosion-Control Structure

## Need

Phase I of the Bureau of Land Management's (BLM) Sky Islands and Desert Seas Restoration Project will repair three major erosion-control structures, one of them being the Red Knolls Diversion. In the past, effort was made to divert the water around Red Knolls. This effort has since been compromised by the development of undercutting (piping) through the dikes and dams. This development now poses a risk to the public by way of collapse. The undercuts also direct the water into one area, which has caused, and will continue to cause on-going erosion. In addition, foot tracks have been noted under the undercuts, which indicate the diversion dike is being visited by the public. This may pose a public safety threat.

## Recovery Act Funding

The contract for this BLM-Arizona Recovery and Reinvestment Act (ARRA) project was awarded to Schuck Development for $109,849.00.

## Benefits

Repairs to the erosion-control structures are needed to minimize the possibility of catastrophic dam failures that would result in increased sedimentation and major habitat and resource damage. A representative for the landowner below the Red Knolls Diversion has stated that they want this project to go forward because it will prevent flooding and erosion of their road and will also reduce sedimentation and erosion of their irrigation canal.

## More Information

For more information about this BLM ARRA project, contact Ron Peru, Civil Engineer Technician, at 928-348-4439 or Ron_Peru@blm.gov; or the BLM-Arizona ARRA Coordinator, Linda Johnson, at 602-417-9576 or linda_johnson@blm.gov.