

Collaborative Groundwater Studies by the NC Division of Water Quality

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DWQ's mission is to preserve, protect and enhance North Carolina's surface water and groundwater resource through water quality monitoring programs, efficient permitting, responsible management, fair and effective enforcement and excellence in public service. DWQ conducts an active program of hydrogeologic investigations that advances the DWQ mission by improving its knowledge in the following areas: • Groundwater quality classifications and standards program • Impacts of land-applied wastes, artificial infiltration practices, or other human activities, and the effectiveness of regulations and permits for these activities • Threats to groundwater quality, including the existence, nature, and scope of emerging or existing threats and assessments of the causes and factors affecting naturally-occurring contamination, agricultural contamination, or contamination resulting from activities permitted by DWQ DWQ has embarked on a number of collaborative initiatives in order to produce tangible improvements in these areas. One such collaborative effort is the Piedmont & Mountains Groundwater Resource Evaluation Program, a multi-year partnership between DWQ and the USGS, which is the primary subject of this presentation.