

Status Report on GEF-IWCAM Demonstration Project for St. Kitts and Nevis.

Rehabilitation and Management of
the Basseterre Valley Aquifer.

Project Background

- The Demonstration Project is located in the Basseterre Valley, which is adjacent to the capital city Basseterre.
- The Underlying Aquifer is one of the most exploited in St. Kitts.
- The aquifer yields about 2.5 million gallons per day, of the daily national consumption of 4.0 million

Land Use

- The area has been traditionally used for sugar cane cultivation. Also had area of food crop cultivation
- The edge of the valley is occupied by settlements which form part of the larger Basseterre urban area.

Demonstration Project Indicators

- Increase of total land area in the Basseterre Valley placed under a protective management plan.
- Increase well-head protection zones for wells in the Basseterre Valley.
- Reduce livestock farming in the Basseterre Valley.
- Reduction of pollution threats from fertilizer, domestic sewage and waste water.

Indicators Achieved

- Cabinet approved recommendation for declaring the lower coastal area the Basseterre Valley as a Protected Area.
- Areas around well-heads have been expanded.
- Stray animals are captured and relocated after formal complaint from Water Services Department.
- Crop production relocated out of Basseterre Valley.
- Development Control and Planning Board continue to enforce moratorium on development in area. Plan to address other activities impacting on aquifer.