

DIAGEO / RED STRIPE Hurricane Ivan Recovery Projects

The DIAGEO Foundation/Red stripe has committed \$100 M to the NWC to implement systems restoration and water supply improvement. Priority was given to communities worst affected by the Hurricane. The Projects are well under way and they are all expected to be completed by September 2005.

The Projects include:

1. Venture River - Westmoreland.
2. Lacovia to Slipe Water Supply - St. Elizabeth.
3. Sherwood Water Supply - Trelawny.
4. Kellits Water Supply - Clarendon.
5. Brighton Water Supply - Westmoreland.
6. Dumphries Crescent, Spring Piece, Grosette, Unity Hall, Curtis Bottom - Land Top, Constant Spring Garden / Heritage, Beehive Lane, Charles Scheme, Golden Grove (Barracks). Constant Water Supply - St Thomas.
7. Woodlands / Blackgate Water Supply - Hanover.

Project # 1. VENTURE RIVER WATER SUPPLY, WESTMORELAND

1. Background

Part of the thrust towards accelerating the development of the south coast and to providing flexibility to the water supply in these communities, activities allowing for these objectives include new source identification and development.

The Venture River will be used as the source of supply and a water treatment plant will be located at Williamsfield.

2. Project Area

The areas to benefit include Fort Williams, Hartford, Strawberry, Grange, Flower Hill Williamsfield, Burnt Savannah.

3. Proposed Project

The main elements of the proposed project are:

- (a) Construction of intake area t venture River to harness the water
- (b) Installation of Lift Pump to pump water to a proposed Tank at Williamsfield.
- (c) Installation of Switchgear and other Electricals at Venture River.
- (d) Construction of 250,000 Gallons Bolted Steel Tank at Williamsfield.
- (e) Interconnect existing pipelines and install Air Valves to complete piping network.

4. Estimated Project Cost

The estimated cost of the proposed project is \$25.00 M.

5. Implementation

The project has started and is well under way. It is anticipated that the project will be completed in July 2005.

Project # 2 LACOVIA TO SLIPE WATER SUPPLY

1. Parish : St Elizabeth

2. Project Objectives :

To improve the water supply system in the Communities of Slipe, Punches, Frenchman and Their environs, by the termination of the supply from the Parottee system and re-routing (pipe extension) of the Burnt Savannah W/S system to these communities.

3. Project Description :

(a) Procure and install Transmission (5.2 km) of 100 mm PVC pipeline and upgrade Distribution pipeline

4. Background :

The communities are presently served by the Parottee system which has been developed/extended to a point where the source has become inadequate. This has resulted in years of inadequate supply of water due to poor water supply system.

5. Project Cost :

The Project was implemented at a cost of \$16.00 M

6. Implementation :

This Project has already been completed and Schedule was commissioned in March 2005.

Project #3. SHERWOOD WATER SUPPLY

PARISH: TRELAWNY

BACKGROUND AND PROJECT AREA

The objective of this project is to improve the quality and quantity of water and the improvement of the distribution system. The water supply source becomes turbid whenever there is rainfall resulting in systems shutdown.

The Sherwood Water Supply serves the communities of Sherwood, Fontabelle, Coxheath and their environs.

PROPOSED PROJECT

The proposed Project components consist of the following elements;

1. The installation of a package water treatment system.
2. The rehabilitation and improvement of the transmission and distribution pipeline network (2.5 Km of 6-inch pipeline, 3.6 Km of 4-inch pipeline and 2 Km of 2-inch pipeline)
3. Improvement of the transmission facilities, including installation of a Lift Station, installation of a 100,000 Gallons Tank.

PROJECT COST

This project is estimated to cost J\$20 million.

PROJECT SCHEDULE

The Project has started and is expected to be completed by August 2005 .

Project #4. KELLITS WATER SUPPLY

Parish : Clarendon

1. Background

The improvement of water supply under this project is earmarked at increasing the water extracted at the source and installation of Filters to improve treated water quality. The reliability of water supply to the communities will also improve.

2. Project Area

The Communities to benefit from this water supply project include Kellits, Crofts Hill, Pate, Shooter, Rhoden Hall, Corner, Croft Gate and roads leading off.

3. Proposed Project

The main elements of the proposed project are:

- (a) Construction of base to accommodate installation of Package Plant
- (b) Transportation of 2 No. Package Filter plants from Logwood to Kellits
- (c) Installation of Electrics and Switchgear
- (d) Construct building at Kellits and fencing of plant
- (e) Rehabilitation of Steel Tank at Shooter

4. Estimated Project Cost

The estimated cost of the proposed project is \$10 M.

5. Implementation

The project started in October 2005, items (a) to (c) above have been completed. The remainder of the works is anticipated to be completed by mid June 2005

Project #5. BRIGHTON/LITTLE BAY WATER SUPPLY

Parish: Westmoreland

1. Background

The Brighton Area is one of the most severely damaged along the South Coast of Jamaica. The restoration activities are being given priority by the Office of National Reconstruction (ONR). The Venezuelan Government is also providing Technical Assistance by way of a Team of Military Engineers being deployed in the area to assist with housing. The NWC is therefore focusing attention in the National context to restore the water supply to the communities affected.

2. Project Area

The Communities to benefit from this water supply project include Brighton, Little Bay and Old Hope.

3. Proposed Project

The main elements of the proposed project include:

Procurement and installation of transmission and distribution pipelines in the Project area (about 6.5 Km of 4-inch pipeline)

4. Estimated Project Cost

The estimated cost of the proposed project is \$10 M.

5. Implementation

The investigatory works are being completed and the pipeline works will be starting by the end of April 2005. The project is anticipated to be completed by August 2005.

Project # 6.

Dumphries Crescent, Spring Piece, Grosette, Unity Hall, Curtis Bottom - Land Top, Spring Garden / Heritage, Beehive Lane, Charles Scheme, Golden Grove (Barracks) Water Supply.

Parish: St. Thomas

1. Background

This water supply project include restoration of water supply facilities in several communities across the parish that were adversely affected by the Hurricane.

2. Project Area

The communities to benefit from this Project include Dumphries Crescent, Spring Piece, Grosette, Unity Hall, Curtis Bottom - Land Top, Spring Garden / Heritage, Beehive Lane, Charles Scheme and Golden Grove (Barracks).

3. Proposed Project

The main elements of the proposed project include:
Procurement and installation of Booster Pump at Dumphries, procure and install a 33,000 Gallons Tank, Procurement and laying of transmission and distribution pipelines (6-inch, 4-inch and 2-inch)

4. Estimated Project Cost

The estimated cost of the proposed project is \$20 M.

5. Implementation

The project is in progress and the components in Dumphries Crescent, Grosette and Spring Garden/Hermitage are almost complete. It is anticipated that the remaining components of the works will be completed by August 2005.

Project # 7.
WOODLANDS / BLACKGATE WATER SUPPLY
Parish: Hanover

1. Background

This Project is aimed at utilizing water from the Great River Plant and extending the transmission and distribution network to serve adjoining communities.

2. Project Area

The Communities to benefit from this water supply project include Bamboo, Woodlands, Blackgate and Harris Point.

3. Proposed Project

The main elements of the proposed project include:

Procurement and installation of transmission pipelines (4 Km of 6-inch pipes)
Installation of a 100,000 Gallons Storage Tank
Installation of two Booster Pumps

4. Estimated Project Cost

The estimated cost of the proposed project is \$20 M.

5. Implementation

Procurement of pipes for the project has started, installation of the pipes will commence in April 2005. The project is anticipated to be completed by July 2005.