

RURAL WATER SUPPLY LIMITED

STATUS OF PROJECTS SLATED FOR COMPLETION DURING THE FINANCIAL YEAR 2016-2017

1. Comprehensive Rural Water Upgrade

Derry/Hazard Water Supply System, St. Mary

Works on the abandoned project, which started some five (5) years ago, is being carried out in collaboration with the National Water Commission (NWC). This involves equipping the pump station with Chlorination Booster and a relift pump, installation of a refurbished 4,000 gallon Rapid Response Tank, flushing and effecting of repairs to the Distribution Pipeline and service connections.

The testing and commissioning is ongoing and should be operational before December 24.

Warsop/John Daggy Water Supply System, Trelawny

Activities on the captioned project involve the construction of a pump station and the installation of a portable gas pump. The installation of a Chlorination System and two (2) – 2,000 gallon Black Tank along with piping works and the installation of distribution pipeline and service connections to approximately 250 – 300 households.

Consultations with residents and the Parish Councils have resulted in the decision that the system be handed over to the PC for operation/maintenance and the collection of fees following the commissioning on December 23, 2016.

Georgia Water Supply System, St. Thomas

The scope of works involve the construction of intake dam and Chlorination Contact Tank, distribution pipeline and service connections to serve approximately 300 households. These activities are far advanced and are expected to be completed by Christmas. The completed water supply system is to be operated by the Benevolent Society.



Georgia WSS – Women carrying material to cast Dam across Hilly Terrain



Georgia WSS – Dam Construcion



Georgia Water Supply System – Men
preparing trench for the installation of pipeline

Cane River Water Supply System, East Rural St. Andrew

Works include the construction of a chlorination contact tank. This aspect of work was initially started by the citizen will be completed with modification to the original designs. Other works include, river crossing using Thrust Structure – tension wire, HDPE, galvanized pipes and interconnection to the old existing 2” galvanized pipeline installation which has been non-functional for several years. Approximately 450 residents will benefit from this improved water supply which is anticipated to be completed by January 12017.

Rosewell Water Supply System, Southern Clarendon

The scope of work involve the installation of Transmission and Distribution Pipelines and service connection to serve approximately 400 households. Detailed surveys ad application for service connections are being carried out by the NWC.

Ongoing work is 40% complete with completion scheduled for February 2017.



Montpelier/Mt. Cary Water Supply Improvement, South St. James

Works include the rehabilitation of an old existing well, the installation of a new Submersible Pumping Plant, Chlorinator and Chlorine Booster Pump. Modification to the old pumping station and connection to the existing 4" DI distribution pipeline, installation of Distribution Pipelines to Top Road. This is the first phase which will immediately result in improvement in the supply for the captioned area.

Community consultation will be arranged in order to communicate and regularize the Montpelier residents who are yet to be connected to the NWC's system.

Burial Ground Water Supply System, Hanover

Works being carried out include the installation of additional distribution line and service connection to serve approximately fifty (50) households. All activities are expected to be completed during January 2017.

Top Redding/Haughton Water Supply, St. Elizabeth

The Solar Pump Station which is being constructed will be connected to the existing 2" PVC pipeline and storage tank which were installed but remain to be commissioned into service. Efforts are being made to have this completed by April 2017. The solar pumping plant equipment will take approximately three (3) months for delivery.

Comma/Mango Valley Water Supply System, St. Mary

Works include the construction of a pump station to be equipped with a portable gas pump, installation of Chlorination Facility and two (2) – 2,000 gallon storage tank, distribution pipeline and service connections to provide water to approximately 100 households in Western St. Mary.

Spring Mount/ Burnt Ground Water Supply System, East Central St. James

Works include the refurbishment of Spring Intake, the installation and distribution pipeline, effecting of service connections and the installation of two refurbish Rapid Response 4,000 gallon steel tank to serve as break pressure and service reservoir. Work is anticipated to be completed by March 2017.

2. RAINWATER HARVESTING CATCHMENT TANK

To date, seven catchment tanks have been refurbished and put into operation. These include:-

- **Ebenezer in Manchester** – Works include the construction of proper pump house – 320 residents are expected to benefit.
- **Unity Valley, St. Elizabeth** – Repairs to catchment area, tank and pipe works.
- **Crawle, St. Elizabeth** – installation of reinforced concrete cover.

- **Harmons, Manchester** – Tank is complete.
- **Monymusk, St. Elizabeth** has been completed

- **Brixton Hill, Mountain Valley and Green Park in Moccho Division, North Cantral Clarendon** – works being carried out include repairs to fencing, catchment area and covering of storage tanks.

Material is being procured for the rehabilitation of an additional three (3) catchment tanks. These are:-

Dennam Farm, Top Hill and Heavy Tree in Christiana, Walterston and Craig Head respectively.

3. RAINWATER HARVESTING PROJECTS FOR SCHOOLS

Completed projects are as follows:-

- Higgins Land Primary and Junior High School, North East St. Ann - has been completed
- Beersheba Primary School, North West St. Elizabeth
- St. Mary Primary School, St. Elizabeth - ongoing
- Ferncourt High School, St. Ann - Works are 90% completed
- Rock Hall All-Age School, St. Andrew – Works are 60% completed

Projects to be completed during the 2016-2017 Financial Year

- Gayle Primary School, Western St. Mary
- Mt. Angus Primary School, Western St. Mary
- Derry Primary Schol Western St. Mary

Works include the installation of rainwater harvesting roof guttering facility, the construction of 20,000 gallon Ferro Cement Tank. Installation of small pump and pipeline works. Installation of grid type solar system to satisfy the schools' power supply needs.



St. Mary's Primary School: New Gutter Installed 1



St. Mary's Primary School: New Gutter Installed 2



Ferncourt High School: 20,000 Gallon Ferrocement Tank; 16 feet wide x 25 feet long x 10 feet tall

Cost to Build J\$1.9 Million



Ferncourt High School: 20,000 Gallon Ferrocement Tank; 16 feet wide x 25 feet long x 10 feet tall

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Ferncourt High School: 20,000 Gallon Ferrocement Tank; Overhead view

Cost to Build J\$1.9 Million

4. EXTERNAL CONSULTANCY SERVICES

The National Housing Trust has engaged the services of RWSL to provide consultancy works for water supply, designs and supervision of construction for the Village of Colbeck Housing Development.

The NHT has advised that proposal for the rehabilitation of the sewage system for Meylersfield Housing Development, Westmoreland and the Project Management Service for works associated with Friendship Housing Scheme in St. James are being reviewed by their Procurement Committee and should be approved before the end of the Financial Year.

National Irrigation Commission (NIC) Essex Valley Project

Draft Proposal has been submitted to the National Irrigation Commission (NIC) for the provision of engineering consultancy works for over three (3) years. Of note is that the engagement is dependent on the Financial Agency, DIFID/CDB providing a waiver. In accordance with rules governing employment of consultants, Government owned entities are not usually considered. We await the final outcome of the lobby for the waiver.

Provision of Funding - NWC

The NWC has been asked, in writing to advise of its project budgetary allocation for the Financial Year 2017 – 2018. This in relation to RWSL's involvement as Executing Agency on some of the rural projects.

NWC Engagement

RWSL has been engaged by the National Water Commission to carry out the following:-

- Design and supervise the construction of the Clydesdale Water Supply System in East Rural St. Andrew.
- Design works associated with the White Hall/New Market Water Supply System, North West St. Elizabeth for which field works have commenced.

5. RURAL WATER SUPPLY DEVELOPMENT STRATEGY AND ACTION PLAN

Parish Plans for non-utility areas are being prepared. The Parish of St. Thomas is completed and St. Catherine is 80% completed. Activities will be ramped up during the next three months, to have St. Catherine, Clarendon and Manchester completed. The plans include preliminary engineering repairs that all parishes should be completed by the next Financial Year so that financing can be sought for the implementation of the programme.

