



CARIBBEAN WATER AND
WASTEWATER ASSOCIATION

THE CWWA INFOstructure

Caribbean Collaborations Unified Solutions

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WORLD WATER DAY 2014 ~ celebrated in the Caribbean

WWD 2014: Water and Energy— World Water Day is celebrated on March 22nd globally. We are delighted to bring you some highlights on how some of our Caribbean colleagues commemorated this year's event.

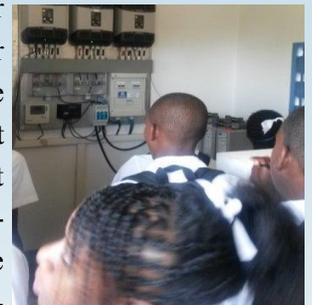


GRENADA — National Water and Sewerage Authority—NAWASA



CWWA-Grenada officials explains the Solar PV Systems to the students

In keeping with the 2014 Theme of UN World Water Day “Water and Energy”, CWWA Grenada Chapter organized a technical presentation and tour of the NAWASA’s Mamma Cannes Water Treatment Plant to four secondary schools. The students learned that the Mama Cannes Water Treatment Plant was commissioned in 1985 by National Water and Sewerage Authority Grenada and the plant serves the communities of Mama Cannes, Crochu, Grand Bacolet to Petit



Kids looks at the Power Inverter

Esperance areas. There was demand for an improvement in water quality and the upgrade in plant instrumentation. Since the primary electricity supply by conventional means is difficult and expensive to operate the newly installed motors and lighting systems on the Plant, Solar photovoltaic (PV) seemed ideally suited to providing energy services in areas such as the Mama Cannes Water Treatment Plant. It was explained that the treatment devices are powered by Renewable Energy - from solar panel and photovoltaic cells. CWWA’s Vice President and Grenada National Section member, Alphonsus Daniel was invited to the GIS TV programme, he gave insights on the purpose of world water day celebrations; the Millennium Development Goal 7 accomplished by 2010 ahead of schedule; and the activities of world water day by CWWA-Grenada chapter.

JAMAICA

Westwood High School, winners of 2014 World Water Day Competition

Jamaica Minister of Water, Land, Environment and Climate Change, Hon. Robert Pickersgill (centre); poses with students of Westwood High School, winners of World Water Day Competition, during the opening ceremony of an exhibition on the environment at Devon House, St. Andrew. The event was part of activities to mark the International Day of Forests, and World Water Day, observed across the globe on March 22; and ahead of World Meteorological Day March 23. Minister Pickersgill has called for balance in the development process as one way of managing the effects of Climate Change. The Minister said creative ways must be found to pursue economic development while minimizing risks to the environment and natural resources. He pointed out that sustainable development means a better future for the generations to come.



Source: <http://jis.gov.jm/minister-pickersgill-calls-balance-development-process>



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More highlights on WORLD WATER DAY 2014 celebrations

BAHAMAS

Water and Sewerage Corporation-WSC hosted a Seminar for continued professional development of the water sector

As part of its activities leading up to World Water Day the Water and Sewerage Corporation hosted a seminar on Piping Solutions. The three day seminar held March 18th-20th at the British Colonial Hilton allowed for continued professional development of the water sector and promotes best standards and practices in the industry. HD Supply, an international supplier of wastewater products sponsored the event which gave insight on the types of piping available to help improve water solutions. A health and wellness fair and cocktail reception was also part of the celebrations to commemorate the 2014 world water day.



(left to right) is Cyprian Gibson, WSC Senior Engineer and Davis Wolf, Seminar Host and Manager, International Business Sales Development, HD Supply.

GUYANA—Towards water, energy conservation...

GW, GPL take students on Berbice tour



School children at GWI's Water Treatment facility in New Amsterdam, Berbice

Guyana Water Inc (GWI) and Guyana Power and Light Inc. (GPL), in observance of World Water Day 2014, partnered and hosted a tour of Berbice facilities of the two public utilities. It was part of their educational drive when they took 24 students from three different schools to visit the operations of both companies in the 'Ancient County'. The children were from Success Elementary and Monar Educational Institute in Georgetown and School of the Nations in New Amsterdam, Berbice. They first visited GWI's Water Treatment Plant in New Amsterdam, where they were guided around the sprawling premises by managers.

Mr. Keine Read, Assistant Divisional Operations Manager, gave a step by step overview of the functions of the water treatment plant while, Mr. Jim Ramjug, Divisional Operations Manager, explained their work. The visitors were also engaged in a questions and answers segment. At the second location, the GPL Canefield Power Station, East Canje, the visitors were also guided around the various sections, having donned safety helmets.

Source: <http://guyanachronicle.com/towards-water-energy-conservation/>



School children on tour at the GPL's Canefield Power Station in Berbice



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FOCUS ON WATER AND WASTE UTILITIES

GM Central Water and Sewerage Authority-CWSA St. Vincent says thanks to WASA Trinidad!

Water and Sewerage Authority WASA (Trinidad & Tobago) has been lauded by the Central Water and Sewerage Authority (CWSA) of St. Vincent and the Grenadines for assisting in relief efforts to the island and its water utility following disastrous floods caused by heavy rains which occurred on December 24th (Christmas Eve) 2013. At least nine people died in St. Vincent due to the heavy rains which left large portions of the island submerged in water forcing residents to abandon their homes and making roads impassable. The floods also severely damaged large sections of the island's pipeline infrastructure. Recognizing the need to assist its CARICOM partner in their time of need, WASA officials contacted staff at the CWSA and were informed of the need for transmission mains which were destroyed during the flood. Mr. Saunders stated that the materials donated have gone a long way in helping to restore supplies to many parts of the island, and thanked WASA for their assistance in helping to bring a semblance of normalcy back to the lives of many citizens of St. Vincent.

Source: WASA Daily Update—21/3/14



(R↔L) Garth Saunders of CWSA says thank you to WASA, as he shakes the hand of WASA's Acting CEO Ramchand Ramcharan

January 2014 Proclaimed "VIWMA Month"

(St. Thomas, VI) – Governor **John P. de Jongh** has proclaimed January 2014 as "VIWMA Month" in recognition of the **10th Anniversary** of the VI Waste Management Authority.

The VI Waste Management Authority was created in January 2004 as stated in Title 29, Section 496, of the Virgin Islands Code. The Authority



is set to function as a non-profit, public corporate body and as an autonomous instrumentality of the Government of the Virgin Islands with oversight responsibility for the operations and management of solid waste and wastewater within the Territory.

Since its inception, the VI Waste Management Authority has made great strides with improvements to the collection, treatment and disposal of solid waste and wastewater. The Authority opened a state-of-the-art, award winning solid waste transfer station on St. Croix. It introduced the first of several solid waste convenience centers on St. Croix, constructed a landfill gas-to-energy facility on St. Thomas, and expanded the household hazardous waste recycling collection program territorially. The wastewater system has also been improved with the construction of three state-of-the-art treatment facilities and the upgrade of the wastewater collection systems. This has resulted in significant odor reductions and water entering our system. And, as a result of these accomplishments, the Authority has been in compliance with local and federal regulations and are terminating a more than 30 year consent decree with the U.S. Environmental Protection Agency. Public education, community outreach and environmental education have been developed to increase awareness through various activities and campaigns. The Authority has also made professional development of its staff a priority to provide a solid foundation for further accomplishments. The Authority will be hosting various community outreach and awareness programs throughout the year in recognition of its 10th anniversary. We invite the community to join us and learn about what the plans are for the Authority to continue to improve its services to the Territory.

Source: http://www.viwma.org/about_wma/Press_Releases



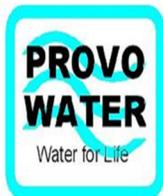
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MORE ON WATER AND WASTE UTILITIES

PROVO Water, Turks and Caicos announces its Drinking Water Week!



Join us as we celebrate water by recognizing the essential role Drinking Water plays in our daily lives.

For more information on our services and week of events, please contact our office: Tel: (649) 339-9282 or Email S.Bell-Parker@provowater.tc

DRINKING WATER WEEK

Friday May 2nd, 2014
 Drinking Water Week Opening Ceremony
 Gustavus Lightbourne Sports Center, 11:00am
 Guest Speaker: Mr. O'Reilly Lewis, President of CWWA

Monday May 5th, 2014
 Exhibitions, Demonstrations and Information
 Turks & Caicos Islands Community College
 College Campus

Tuesday May 6th - Wednesday May 7th, 2014
 Exhibitions, Demonstrations and Information
 Graceway IGA Parking Lot, Leeward Highway
 12 noon to 4:00pm

Tuesday May 6th - Thursday May 8th 2014
 Exhibitions, Demonstrations and Information
 Various Primary & Secondary Schools

Friday May 9th, 2014
 Schools Poster Competition
 Win Free Water for a Month Raffle Drawing
 Taste Test Challenge Winner

Rainwater Harvesting System for High School in Jamaica

A rainwater harvesting system, constructed at a cost of \$3.6 million, was commissioned into service at the Aabuthnott Gallimore High School, in Alexandria, St. Ann, on March 28, by Minister of Water, Land, Environment and Climate Change, Hon. Robert Pickersgill.

Funding for the facility, designed to assist the school community to overcome the severe water shortage, was provided by the Rural Water Supply Limited (RWSL).

This is the third rainwater harvesting facility to be provided at a school by the RWSL, with two previously installed at the Chatsworth Primary and Maldon High Schools in St. James.

Source: <http://jis.gov.jm/water-high-school-st-ann/>



Minister of Water, Land, Environment and Climate Change, Hon. Robert Pickersgill (5th left), turns on a pipe of the rainwater harvesting system, which was commissioned on March 28 at the Aabuthnott Gallimore High School, in St. Ann. Also sharing in the occasion are (from fourth left): Managing Director, Water Resources Authority, Bazil Fernandez; Chairman of the School Board, Bishop Omar Oliphant; Minister of Education, Hon. the Rev. Ronald Thwaites; Principal of the school, Geoffrey Sharpe; Member of Parliament, Keith Walford; and teachers at the school.

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Mark your Calendars! CWWA 2014 Conference & Exhibition—6–10 October 2014

This could be you in 2014.....!

The 2013 Winners of the CWWA best Technical Paper Presentation



In photo Dr. Cedric Van Meerbeck receives the CWWA Award from Ms. Andy Gill, Co-Chair of the CWWA 2013 Conference Committee



Center: Dr. Van Meerbeck pose with Dr. David Farrell and Dr. Andy Ward, Co-Authors of the winning paper

The Engineer Ronald Williams’ Award for Technical Excellence is given annually to Presenters whose paper presentation stand out from the rest. Papers are judged on Authorship and Presentation.

At the culmination of the 2013 conference held in Barbados, the Award was bestowed upon Dr Cedric Van Meerbeeck, and Co-Authors, Dr David Farrell and Dr Andy Ward, of the Caribbean Institute for Meteorology and Hydrology in Barbados. The title of the winning paper presentation was “*Development of Seasonal Climate Forecasts to Risk-inform the Water Resources Sector*” We say warmest congratulations for a job well done!

CWWA 2014 CONFERENCE AND EXHIBITION



The much anticipated CWWA Annual Conference & Exhibition is once again promising to be another rewarding and exciting one! All roads lead to the enticing Nassau Bahamas, host for the CWWA 23rd conference and exhibition. We are planning to make sure that you have a bumper time!

Don’t miss out on all the exciting events that this unique conference offers.....*More on page 6*





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THE BAHAMAS WILL HOST THE CWWA 2014 CONFERENCE & EXHIBITION



CARIBBEAN WATER AND
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**23rd ANNUAL
CONFERENCE AND EXHIBITION**

October 6th, - 10th 2014

LOCATION: NASSAU, BAHAMAS

"Water, Waste & Energy in the Caribbean"

Hosted by: The Water & Sewerage Corporation



VENUE: *Atlantis*
CASINO RESORT SPA & MORE

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 - ▲ EXHIBITION OF NEW TECHNOLOGIES
- ▲ HIGH LEVEL MINISTERIAL FORUM
 - ▲ CULTURAL EVENING
- ▲ BEST TASTING WATER COMPETITION FOR
CARIBBEAN WATER UTILITIES
- ▲ BEST TASTING CARIBBEAN RUM COMPETITION
 - ▲ TECHNICAL WORKSHOPS/SEMINARS
 - ▲ TECHNICAL TOURS
- ▲ SPOUSE PROGRAM
 - ▲ AWARDS CEREMONY & BANQUET

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for water and waste sectors in the Caribbean

For more information visit - <http://www.cwwa.net>





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Regional Workshop on Social Responsibility for Water and Sanitation Operators—Montevideo, Uruguay

On March 26 and 27 the workshop was held at the Training Centre of the Spanish Cooperation in Montevideo (www.aecidcf.org.uy/), this Regional workshop was on Social Responsibility for Water and Wastewater Operators. Fifty (50) representatives of operators and institutions in the water sector from 14 countries of Latin America, the Caribbean and Spain, attended the event.

This event was the first training activity in this new stage of WOP-LAC under the Secretariat of Latin American Association of Water and Sanitation Operators (ALOAS), and allowed the operators of the region to find a place to discuss Corporate Social Responsibility practices that are carried out in the different companies, and to work together to define a shared vision of the sector in this area.

The conference was organized by OSE, GWOPA and WOP -LAC and had the support of the World Bank and AECID.

*Source: WOP-LAC Newsletter No.3/Technical Coordination ALOAS – WOP-LAC:
secretarado.woplac@gmail.com or Juan_M_ONGAY@aysa.com.ar.*



We'd love to hear from you

CWWA INFOstructure Newsletter

is a monthly publication

Coming up in our May Issue

- ◆ What our National Chapters are up to
- ◆ Highlights on the Caribbean Utilities Employees Association conference
- ◆ Highlights on Training and Workshops

Happy Reading!



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