



BULK RATE
Permit No. 17
Charlotte Amalie
Virgin Islands
Postage Paid

COVICRIER

Form 3547 Requested

COLLEGE OF THE VIRGIN ISLANDS, CARIBBEAN RESEARCH INSTITUTE, ST. THOMAS, U.S.V.I. 00801

VOLUME IV, NUMBER 1

EDITED BY S.J. OLIVERIO

MARCH 1980
LIB

Water Resources Research Center

PEEBLES RESIGNS AS WRRC DIRECTOR

He will begin work in Washington, D.C. with the Office of Surface Mining in the U.S. Department of the Interior.

Dr. Roger Peebles, director of the Water Resources Research Center (WRRC) since the spring of 1977, resigned effective March 31.

BULLOCK CONSULTANT IN WATER PROPOSAL

the preparation of a \$4.3 million grant/loan application to the Farmers Home Administration. These funds are being sought to determine the condition of the water distribution system on St. Thomas and begin repairs where needed.

WRRC consultant Donald C. Bullock provided technical assistance this quarter to the V.I. Department of Commerce and Public Works in

SOLAR ROOF STILL PROTOTYPE BUILT

production exceeds one gallon per day per 20 square feet of roof area. Further details on this experimental project will be released later.

A double roof construction solar still to produce high quality potable water is operating on St. Croix. Initial data show that

WATER USE PATTERN STUDY IN PROGRESS

research associate, and Donald C. Bullock. One aspect of the study is to investigate quantitatively whether or not a high standard of living has been achieved and maintained in the V.I. with lower water consumption than would have been expected. Another goal of the study is to determine more accurately the gallon per capita per day (gpcd) water use figures for the V.I. Since current opinions and projections range from 40-150 gpcd, the study may provide more accurate figures for future planning.

Research to determine water use patterns in the Virgin Islands is now underway at the WRRC. Principal investigators are Henry H. Smith,

WRRC ASSISTS IN RO PLANT INSTALLATION

Staff of the WRRC recently monitored the drilling of wells for a seawater feed to the planned V.I. Housing Authority reverse osmosis plant at the Pearson Gardens Project. The RO plant was provided by the Office of Water Research and Technology (OWRT) of the U.S. Department of the Interior as part of a pilot project in the use of RO plants for seawater distillation. When operating, the plant will supply the housing project with critically needed potable water. Thus far, efforts to locate seawater in sufficient quantity proved to be unsuccessful. Direct intake from the sea is now being considered.

Ecological Research Center

ENERGY FAIR SET FOR SUN DAY 1980

The Emancipation Garden on St. Thomas will be the site of an Energy Fair on Saturday, May 3 to celebrate Sun Day, a national event designed to promote public awareness of alternate energy sources and to reinforce energy conservation habits among the general public. Planning the event are: Stephanie Oliverio, special projects assistant at CRI; Peggy Rodriguez, public information officer of the V.I. Energy Office; and John Matuszak, extension agent of the Cooperative Extension Service at CVI.

An Energy Conservation Poster Contest is being conducted in schools throughout the territory. Specially designed Virgin Islands Sun Day 1980 t-shirts will be awarded as prizes for the contest at 11 a.m. the day of the Energy Fair. Businesses have been invited to exhibit energy efficient items and a few short talks, geared to the understanding of the general public, will take place.

A color slide show will be run continuously throughout the day to increase awareness of the use and importance of solar energy, in particular how the technology is already working in other parts of the world. In addition, an information booth will be set up with give-away literature, some of which is geared to children. For more information contact the V.I. Energy Office at 774-6726 or CRI at 774-1252, ext. 201 or 259.

ALCOHOL FUEL STUDY IS FEDERALLY FUNDED

\$10,000 was received this quarter by the Ecological Research Center (ERC) to finance a study, "Small-scale Alcohol Fuel Production Unit for Individual Use." Construction has begun on both a lab-size still and a production still. The former will produce 2½ gallons of the fuel per run; the latter will produce 250 gallons per run. Up to two runs per week will eventually be possible. The fuel will be made from fermented waste grain from local farmers or feed stores and possibly from restaurant garbage.

Dr. Michael J. Canoy, director of the ERC, is project director. Bill Prescott, independent industrial engineer, is in charge of construction and Maanazo Lamakalo, director of the energy program at the Community Action Agency, is cooperating on the project.

Social Research Center

COMPREHENSIVE WATER COST ANALYSIS TO BEGIN

Social Research Center (SRC), who will develop a comprehensive analysis of the cost structure of the water division of the V.I. Water and Power Authority (WAPA). More efficient decisions by WAPA management can be made with the help of these forthcoming economic facts. After the structure for analyzing water costs has been established, a follow-up study will be conducted for the electricity division of WAPA. The two-part economic study will be completed in one year.

What does it cost to provide water to the V.I.? That question will be studied in depth by Charlotte Reeder, research associate at the

BLISS ATTENDS DALLAS MEETING

The theme of the conference was "Leadership in Education." Scenarios of future needs in education were developed; they included a more scholarly, intense and prolonged period of pre-service teacher training. Each state and territory in the United States determines its own criteria for teacher certification; this fact could have important local implications.

February 26-29 were the dates of the annual meeting of the American Association of Colleges of Teacher Education, held in Dallas, Texas.

JONES-HENDRICKSON IS ON CSA COUNCIL

Association (CSA). The organization brings together regional and international scholars in all academic disciplines that impact on the Caribbean. The annual meeting of the CSA is slated for May 7-10 in Curaçao. In 1981 CRI will host the annual meeting, for which Jones-Hendrickson will serve as program chairman.

This quarter Dr. S.B. Jones-Hendrickson, SRC coordinator, was nominated for one of 15 council positions of the Caribbean Studies

V.I. CENSUS EFFORT NOW GETTING UNDERWAY

housing census, which is being administered by the Institute. More than 250 enumerators on all three U.S. Virgin Islands will attempt to question an adult in every household about matters such as income, housing and ethnic background. Enumerators, who were carefully screened prior to being hired, are sworn to maintain the confidentiality of the responses according to Edward Phillips, census manager. The 1980 count for the first time will produce what census officials hope will be accurate information on population distribution by island and place of birth.

During the month of April every household in the Virgin Islands will be visited and interviewed as part of the 1980 population and

The census will provide statistics that will be useful to government agencies, businesses and private groups on various matters: how many automobiles are in the territory, how many households speak a language at home other than English and how many households bought water from a vendor last year. Answers to such questions will contribute significantly to long-term planning in the Virgin Islands.

Outreach Activities

MARSH ATTENDS WORKSHOP PUBLISHES, SPEAKS

Dr. Clifton E. Marsh, CRI assistant director, attended a Consortium on Research Training (CORT) Workshop in Atlanta on January 24-26, along with approximately 50 others working in the humanities and social sciences. On May 22-24, CORT will sponsor a Coordinator's Workshop on the St. Thomas Campus of CVI. For further information contact Marsh at 774-1252, ext. 249.

On January 29 Marsh conducted a grant proposal-writing workshop for CVI Student Affairs personnel.

In the February issue of FIRE II, a literary journal published by the Department of African-American Studies at Trenton State College in New Jersey, a short story, essay and poem written by Dr. Marsh were published.

His article "Rasta, Know Yourself," published in the March issue of the Virgin Islander magazine, was used by the social studies department of Wayne Aspinall Junior High School to instruct classes on how rastafari-anism fits into the current social scene of the Virgin Islands.

In February Dr. Marsh discussed the project "Emancipation: A Second Look" on the Louise Noble Show on local radio station WVWI. The project, funded by a grant from the National Endowment for the Humanities, offers a series of classes on seven topics, with two months being devoted to each topic. Classes are conducted on St. Croix, St. John and St. Thomas. Persons interested in taking part in this project should contact the Enid M. Baa Library at 774-0630.

JONES-HENDRICKSON DIS- CUSSES REGIONAL ISSUES

The SRC coordinator participated in two events in conjunction with CVI's observance of Black History Month. A public panel discussion on "The Impact of the Grenada Revolution on the Caribbean" was held on February 18 at the St. Thomas Sheraton Hotel. In addition to him, panelists included: Alister Hughes, a Grenadian journalist, Dr. Olaf Hendricks, a St. Croix psychiatrist and Leslie Reovan, a CVI sociologist.

In January Jones-Hendrickson traveled twice to St. Kitts to act in an advisory capacity to the government and private sector on fiscal and budgetary matters.

Also this quarter he was chairman for one session of a panel discussion at the Virgin Isle Hotel on St. Thomas hosted by the Island Resources Foundation as part of Nutrition Week activities.

In March he was a guest speaker on local radio station WSTA. He discussed the Virgin Islands economy, inflation and prospects for the 1980's.

In addition, he spoke on "The Caribbean: A New Perspective" on the St. Croix Campus of CVI.