



**The Rio Grande Watershed
Youth Culture & Environment
Conference 2005**



Ridge to Reef Watershed Project

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The Rio Grande Watershed Youth Culture & Environment Conference 2005

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Prepared for the:

Government of Jamaica
National Environment and Planning Agency

And the

United States Agency for International Development

Implemented by:

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Acronyms

AIDS	Acquired Immune Deficiency Syndrome
CASE	College of Agriculture Science & Education
CMI	Caribbean Maritime Institute
CWIP2	Coastal Water Quality Improvement Project - Phase II
CXC	Caribbean Examination Council
FD	Forestry Department
GCE	General Certificate Education
HIV	Human Immunodeficiency Virus
JAS	Jamaica Agriculture Society
JCDC	Jamaica Cultural Development Commission
JCDT	Jamaica Conservation and Development Trust
MARPOL	Marine Pollution from Ships
NEPA	National Environment and Planning Agency
NSWMA	National Solid Waste Management Authority
NYS	National Youth Service
PATF	Public Awareness Task Force
PATG	Port Antonio Theatre Group
PC	Parish Council
PHI	Public Health Inspector
PPDC	Portland Parish Development Committee
RADA	Rural Agricultural Development Authority
RGWMC	Rio Grande Watershed Management Committee
SDC	Social Development Commission
STI	Sexually Transmitted Infections
USAID	United States Agency for International Development

1.0 Introduction & Rationale

This conference held April 08, 2005 at the Marina, Port Antonio, though a follow on to one held in 2002, represents the first of its kind for Portland, under the guidance of the Ridge to Reef Watershed Project and its partner agencies.

The implementation of this conference was in direct response to the requests of the young persons in the Rio Grande Watershed and some agencies, who had been invited to a similar conference held in the Great River Watershed in July 2004.

The specific areas of interest of the youth on the Steering Committee went beyond the theme of **watershed management** to include that of cultural preservation and health improvements. The conference attempted to make the link between these related themes.

The conference objectives stated below were met except for the establishment of a mechanism for continuous action, which will be addressed in a follow up workshop. Also, the conference had to be scaled down to a one day non-residential event, as the Ridge to Reef Watershed Project prepared to complete its fifth and final year in June 2005.

The objectives were:

1. To demonstrate the link between culture and the environment and to build the relevant awareness among participants
2. To empower participants through knowledge of careers in the environmental and cultural field
3. To facilitate greater awareness among participants of their responsibilities for social, health and watershed management
4. To put a mechanism in place to enable participants to continue stewardship activities after the conference.

2.0 Planning Process

A Steering Committee of nine persons including a chairperson, vice chair and two secretaries, was formed on December 14, 2004. A steady core of five persons, supported by representatives from the Public Awareness Resource team, Social Development Commission, The Portland Environment Protection Agency, the Parish Council and the Port Antonio Theatre Group, met bi-weekly then weekly after February, to put plans in place.

The following were agreed on at that first Steering Committee meeting.

- ✍ The conference theme – **Empowering youth to be cultural and environmental stewards**
- ✍ The need to have a mix of experiences including – speakers; field trips, an environmental Quiz and educational entertainment
- ✍ This conference would broaden the environmental theme to include health, social and cultural presentations
- ✍ Exhibitors would be invited to enhance understanding of the theme.

The following issues became problematic for the Steering Committee and after two months had still not been resolved:

- ✍ An appropriate and moderate priced venue
- ✍ The number of participants
- ✍ Appropriate places for field trips
- ✍ Keynote speaker
- ✍ Funding for a residential conference
- ✍ Funding for media coverage and outside broadcast
- ✍ Funding for T-shirts

By March 2005, the following decisions were taken:

- ✍ RGWMC/R2RW would go ahead and host a one day blitz on April 8
- ✍ The conference would cover the main components of a two or three day conference
- ✍ Components would include: Official ceremony (see Appendix); Main presenters (2); Field Trips; Small working groups with resource persons; Environmental Quiz; Educational entertainment and Talent show; Educational theatre piece

- ✍ This “no frills” plan would be implemented by a team led by the Public Awareness Resource persons (five main persons); five hard working persons from the Steering Committee; Advisors from SDC/NYS/PC and the Port Antonio Theatre Group, and would use a limited budget
- ✍ Exhibitors who had already expressed interest would be confirmed
- ✍ Modest transport arrangements would be made to bring youth from the upper valley and the more distant watershed communities
- ✍ Sponsorship for media coverage would be assiduously sought

The final planning process, guided by Ridge to Reef Watershed Project, and based on a similar model youth conference implemented in the Great River Watershed in 2003 and 2004, was completed in five weeks.



Linnette Wilks and Dawn White, Managers in Public Education for the Upper and Lower Watershed communities, in discussion before the start of the conference.

3.0 What were the Results?

3.1 Official Ceremony

This was the first event for the day. It included an overview by the Chief of Party , R2RW; Greetings by Karen McDonald-Gayle USAID, Onyije Chigozili of NEPA, Captain Lamey of CASE and Chair of the RGWMC, and Sybil Rendle, Chair of the PPDC, and a main feature address by Mrs. Jacqueline daCosta, Consultant in the Cabinet Office. Cultural items from the Machioneal Cultural Group (drumming and traditional African dance) and an excerpt from “Magic Trees” by the Port Antonio Theatre Group helped to set the tone for the theme of “Culture and the Environment” for the day.

Marline Stephenson-Dalley, in addition to making arrangements for media coverage, was master of ceremonies.



At the Head table from left- K. McDonald Gayle; Captain Lamey, J. daCosta; Sybil Rendle, and O. Chigozili



Mark Nolan, Chief of Party - R2RW giving presentation at Conference



Karen McDonald-Gayle USAID in her greetings, acknowledged the female role models who were part of the process.

3.2 Participants

Sixty eight (68) young persons, 25 males and 43 females attended. In addition, eighteen persons (18) from USAID Office of the Environment, exhibitors from state agencies, CASE, the RGWMC; PDC; Portland 4H office and the media attended, plus 10 resource persons and R2RW staff.

3.3 Exhibitors



J. daCosta in foreground, with S. Rendle, M. Nolan, Captain Lamey and K. McDonald-Gayle visiting the display of the Institute of Jamaica



Mr. Llewellyn Meggs from the Institute of Jamaica, showing posters and artifacts related to the theme of the conference

There were seven agencies with booths or tables, as follows:

- ✍ The Forestry Department
- ✍ RADA
- ✍ NEPA
- ✍ Portland 4H clubs
- ✍ Caribbean Maritime Institute
- ✍ Institute of Jamaica
- ✍ NSWMA

In addition, R2RW exhibited many of our posters on environmental laws.



O. Chigozili, Captain Lamey, J. daCosta and K. McDonald-Gayle visiting the RADA booth



Students from 4H Club Port Antonio High, display items related to "From trash to cash"

3.4 Presenters

There were two main presenters- Dr. Olive Lewin, cultural icon and musician, and Richard Kelly from the Fisheries Division. The guest speaker in the official ceremony was Ms. Jacqueline daCosta consultant in the Cabinet Office. In addition, in the evening educational entertainment segment popular "conscious" singer from Portland Louis Culture performed, as well as the nationally renown Port Antonio Theatre Group. Ms. Marline Stephenson-Dally, who was master of ceremonies for the day, managed the Environmental Quiz section, patterned on Schools Challenge Quiz.



Dr. Olive Lewin explains in her presentation some links between traditional culture and the environment



Dr. Lewin demonstrating with participants some ways in which traditional songs honoured the earth

3.5 Field Trips

Two field trips to the Port Antonio Marine Police and the College of Agriculture Science and Education (CASE), were organized with half of the group going to each venue. The **Marine Police** explained the security aspect of their work as well as the environmental related components. Boats trips with small groups were offered to expose the youth to some of the marine setting covered in this work. Specifically, their main functions are to maintain the integrity of Jamaica's twelve mile limit; to protect tourism interests; protect the environment and conduct search and rescue missions. Their headquarters were relocated in 1970 to Newport East and they have branches in Pedro Cays.



One field trip to the Port Antonio Marine Police involved learning about the work of the Police who took some participants by boat to Navy Island to better understand the scope of their work.

At **CASE**, the group was exposed to a waste water treatment project. The pilot project involves waste water piped through underground pipes from the livestock area, to beds which separate solids from liquid, then water is channeled to the artificial wetlands or “Reed bed” then to the hydroponics area. In the latter bed, vegetables, such as tomatoes, pak choy and sweet peppers are grown in water without soil. (It is recommended that vegetables produced using this method of agriculture, not be eaten raw). In the final phases, the water goes to a pond with ornamental fish and the overflow is used for fertigation, that is, to fertilize and irrigate the herbs and spice garden.

In the livestock area, a biodigester plant is also in operation, which powers a special refrigerator, produces hot water to clean the holding area and equipment, and produces heat for the young pigs.



Participants get a preview of the other field trip to CASE, at the display booth. Garth Scott manned the booth, which depicts the Waste water treatment and hydroponics project and led the field trip

3.6 Nominations for outstanding environmental stewardship

Before the conference, participants nominated the following persons, to whom certificates of recognition were given, during breaks in the days activities.

- ✍ Caston Farr – Boundbrook community (member of PATG)
- ✍ Desrine Grossett – Rock Hall community
- ✍ Denise Francis – Pleasant Hill community (member of the PATG)



Sonja Harris Public Awareness Specialist R2RW handing out certificate to Caston Farr

4.0 Plenary from Small Group Workshops

Presentations on what was learned were made by a representative from each group.

- a) **Hummingbird group**- Culture- Resource person – Richard Derby, Manchioneal All Age School.

Jamaica, and especially Portland have traditional dances and drums from a mainly African heritage, which must be preserved for knowledge by Jamaicans of their history, as well as included in packaged entertainment for tourists. The dances are similar and are known by different names in various parishes, for example, Dinki min from St. Mary, Etu from Hanover and Tambo, which bears a French/Haitian/African influence out of Trelawny. The Portland version, known as “Bruckins” was used to celebrate emancipation and included a competition or “Clash” held annually with “Noble men” from different plantations.

- b) **Queen Conch** –Water Quality Monitoring- Resource person- Sharlene Williams, NEPA Laboratories

Major concerns : Pesticides in the river; deliberate incidence of crayfish poisoning during dry season; building pig pens on the river bank, disposing garbage in the rivers;

General social problem: Getting farm produce out when rivers flood the communities.

Possible solutions: Youth groups to identify the problems, seek corporate support, for example for composting and recycling and support enforcement of environmental laws.

- c) **Ring Tail pigeon**- Effect of HIV/AIDS on the Environment- Resource Person- Mr. Winston Lowe – PHI

Major impact: Breadwinners unable to work; disruption of livelihoods.

Data shows that 17 persons per minute contract AIDS. 3000 of the daily number contracting the disease are women. There were 47 new cases in Portland at the end of 2003.

Possible solutions: Youth can become part of the outreach programme. Educational sessions are held in schools and clinics on the dangers of contracting AIDS and the consequences. The Claudia Williams Centre is involved in the STI programme and young persons can find out more there.

- d) **Crocodiles**- How to use culture to benefit the economy- Resource person - Marcia Hekstall – Director JCDC

Culture – helps to define the norms of a country. Religion is one component of culture. For a community to effectively participate in the economic dissemination of culture, it must become informed and offer alternatives to visitors. Theatre Arts can be used, including traditional dances, folk songs, drama (The Port Antonio Theatre Group and Manchioneal Cultural Group are two such groups) Portland can also promote local

cuisine (Jerk and Bussu Festivals); community tourism (visitors staying in existing homes or building special cottages); craft items, local herbs and spices. DVDs can also be developed with Portland scenery and products sold with Jamaican music.

- e) **Yellow snake** – Caribbean Maritime Institute-(CMI) Resource person - Captain Devron Newman

The CMI was started in 1980 by an agreement between Norway and Jamaica. It offers training in engineering on a full or part time. CXC or GCE passes are needed to enter. The Institute is affiliated with Caribbean, British and American universities for further studies. Courses include: ship construction, navigation, thermo-dynamics, and engineering drawings.

Links to the environment exist through MARPOL; Anti-Dumping and Basel Conventions. The Institute also concerns itself with the treatment and disposal of ship food waste and sewerage. They try to minimize the generation of waste and its hazards.

- f) **Iguana group** – Solid Waste Management – NSWMA- Resource person- Hilary Smith

There are two major landfills in the island – one in Riverton, the other in Retirement. Issues discussed: Disposal of old tires; importation of bio-degradable garbage bags from Canada. This is something a Jamaican company could do; composting and recycling as means of reducing waste.

Entrepreneurship ideas: Disposal of garbage from tourism sites. (“One man’s trash is another man’s cash”); Recycling company; manufacturing bio-degradable garbage bags.

- g) **Yellow-billed Parrot** – Entertainment- Resource person- Kamau Amen – Consultant, CARIFORUM

The objective of entertainment (whether or not the focus is the environment): To create interest; to have appeal; and to create the anticipation of joy.

In Jamaica’s history, there have been issues of dub plates and “versions” to popular music. These promote Jamaica and create jobs as broadcasters, business managers, make-up artists, promoters.

Jamaica now has to pay attention to the legal issue of copyrighting.

- h) **Coral Reef**- Cultural Traditions in Portland- Resource person-Linnette Wilks – Chair, PATF

Culture- defined as the way of life of a people. The Maroons were described as the runaway slaves who settled in the Portland mountains, mixing with native and East Indians. Their main foods- coney, fish, cassava. They respected the natural environment from which they drew sustenance. The abeng was used to communicate across villages before there were telephones.

The breakdown in traditional culture and in respect for the environment can be linked to the adoption of other people’s cultures; to grandmothers being too young to pass on

cultural heritage. As a consequence, many young persons have no knowledge of the past.

The Values and Attitudes programme in schools attempts to correct this vacuum. People need to share the knowledge they have and see culture as an economic tool.

5.0 Participants' Knowledge Base from Questionnaires

Twenty three questionnaires were returned (34%). From this sample the following was assessed:

- ✍ 100% of respondents knew the definition of a watershed
- ✍ 18 of 23 (78%) knew the definition of "bio-diversity"
- ✍ 19 of 23 (83%) knew how many watersheds are in Jamaica.
- ✍ 80% knew at least one environmental law, the majority citing river pollution (washing, pesticides), but uniquely two respondents mentioned the Wild Life Act
- ✍ All respondents knew at least one of five agencies associated with environmental conservation/protection. 75% knew of JCDT and Water Resources Authority, but only 30% knew of North Eastern Parks and Markets.
- ✍ All respondents expressed willingness to work with religious organizations and sports groups on an environmental project
- ✍ In the area linking environmental conservation to eco-tourism, 13 respondents (56%) had reasonable ideas, the majority of which were related to afforestation, and keeping beaches and rivers clean for tourists. However, four respondents among them mentioned : **agro-processing of exotic foods; developing the craft industry; developing white river falls; promoting maroon history; rafting on the Rio Grande; conserving habitat of wild life, flora and fauna to attract visitors.**
- ✍ In the area of future stewardship, 60% were already part of an environmental club or organization and the rest were interested in becoming part of one.

What is evident from these answers is that the participants who knew the most completed and returned the questionnaires. They represent a serious core of committed environmental stewards, who have benefited from the educational activities offered.

6.0 Educational Entertainment

There were four main segments to the evening's offerings.

- ✍ Louis Culture – popular Portland “conscious” singer, delivering a relevant and stimulating presentation
- ✍ The young persons' Talent Show- Brief and needing more guidance and depth
- ✍ The Port Antonio Theatre Group's piece on “It nuh right” including a section on HIV/AIDS and the importance of protecting yourself in sexual contacts, if you are to protect the environment
- ✍ The Environmental Quiz- which is usually an exciting way to determine what youth have learned or already know, and is usually structured with two teams. This time an open quiz accompanied by grab bag items for correct answers, was held. The response was overwhelming.

6.1 Port Antonio Theatre Group

This excellent theatre production, focused on a series of environmental messages, is a major sustainable resource for continued watershed management. The Member of Parliament, who attended the evening segment of the conference is interested in having a video produced of the play “It nuh right” and having it used in schools island wide.



Members of the Port Antonio Theatre Group performing their environmental skit “It nuh right”

6.2 The Environmental Quiz

Due to time constraints, the Quiz did not take the format that was originally planned. Instead questions were thrown out to the floor, and the first person acknowledged given a question. If the participant answered the first question correctly, they would then field another question. If the correct answer was given, the participant won a prize selected from a grab bag of prizes, ranging from T shirts to pens and notebooks.

Questions were taken from a range of subject areas including- culture. Environment, history, flora, fauna and specifically, information was drawn from the two field trips (waste water treatment and hydroponics at CASE and the Marine Police) and the displays and presentations. Overall the participants were quite knowledgeable and participated actively. The awareness levels of environmental concepts and the accuracy of correct answers, were commendable.

This is a stimulating and exciting activity for youth, while raising awareness levels.



Marline Stephenson Dalley fields tough questions to participants during the Environmental Quiz.

7.0 Media Coverage

Coverage for the conference was extensive. Sixteen persons, half of them Steering Committee members, including youth, were interviewed on nine radio programmes as follows:

- ✍ **IRIE FM** – Aired in News and on “Jamaica corner” Interviewee Lisa Kirkland
- ✍ **KLAS Sports News-** Story aired on two newscasts. Interviewee Mark Nolan
- ✍ **HOT 102 FM-** “Drive Time Live” from the conference. Interviewees Linnette Wilks and Shoapan Williams
- ✍ **POWER 106** – “Independent Talk” –Interviewee Mark Nolan
- ✍ **POWER 106** - “Good evening Jamaica” live from conference. Interviewees Mark Nolan, Sonja Harris & Shoapan Williams. Half hour segment
- ✍ **KLAS Sports Radio** – Three interviews done live from conference. Interviewees Maisilyn Campbell, Dian McKenzie, Denise Francis and Marline Stephenson-Dalley
- ✍ **RADIO MONA** – “Caribbean Beat”- post conference interview. Interviewee Mark Nolan
- ✍ **HOT 102-** “Disclosure” on Environmental Issues. Interviewees- Sonja Harris and Robert Douglas
- ✍ **KLAS Sports Radio-** “Protecting the environment, protecting your health”- Interviewee -Dawn White
In addition:
- ✍ **JIS Radio** – Report carried and story placed on their website
- ✍ **Press Releases** sent post conference to five (5) radio stations and two newspapers
- ✍ **Teen Herald** – The story was carried on April 19

8.0 Summary of Findings

- ✍ The response of presenters and resource persons to serve the needs of young persons in Portland in a conference of this nature, indicates a commitment to work with youth for sustainable management of Portland's natural resources.
- ✍ Public Awareness targeted at Youth was an area prioritized by stakeholders in the early Task Force meetings. This strategy requires content that is appealing to young persons and funding to hold the conference annually, preferably on a residential basis. The strategy was a success for the Rio Grande Watershed.
- ✍ The Minister with responsibility for Youth in the Ministry of Education, Youth & Culture, Dr. Donald Rhodd came to the evening segment of the conference, symbolizing his commitment through the time spent, and made an undertaking to work with the Steering Committee to further this strategy, that is to have the conference annually.
- ✍ The Port Antonio Theatre Group are worthy of special mention, as their educational work through drama is professional and timely and can be applied to any watershed or rural community in transition. A video production of their work would be a vital tool in classroom teaching.
- ✍ Dr. Olive Lewin's presentation was well received. The link between culture and the environment needs more thorough distillation.
- ✍ Richard Kelly- Fisheries Division, is a master presenter and works superbly with youth. He needs an entire afternoon to himself, if he can be spared.
- ✍ Field trips were extremely educational and enjoyable. The work of resource persons from CASE is commendable, and in the future, deserves more time.
- ✍ The link between Health and the environment needs further elaboration, though sensitization came from one small group workshop and a segment of the Port Antonio Theatre Group's presentation, which dealt with HIV-AIDS.
- ✍ Employment and training opportunities through work in environmental management was only alluded to, and more time is needed for each small group led by resource person, for example, from NSWMA or the entertainment consultant, to learn more in detail about entry points for work in various organizations or industries.
- ✍ Youth represented in the questionnaire sample are fairly knowledgeable and well organized. They represented organizations from Western Portland – Buff Bay to coastal areas and the upper valley. More time is needed for youth from different locations to exchange information.
- ✍ Portland youth, surprisingly, need more information on their culture, if it is to be respected and preserved. The conference offered rich information on this. More is needed.

- ✍ The entertainment segment with Louis Culture was well received. However, there was insufficient time for their own Talent Show.
- ✍ The Environmental Quiz is extremely popular. Patterned on Schools Challenge Quiz and compered by Marline Stephenson Dalley, it deserves the full time. However, this shortened version went over well.
- ✍ As one participant from Springbank said in his written evaluation “The conference was a very informative one. It was culturally rich and (brought) environmental awareness and enlightenment. I had a catawampas time.”

9.0 Recommendations

1. The RGWMC through the Public Awareness Task Force, will need to focus on assisting youth to meet the one objective not met in the conference- that is to establish a mechanism to enable participants to continue activities after the conference. A Youth Council focused on natural resource management, including the cultural heritage of Portland, would give the PATF a special point of engagement for future work.
2. A Youth Council could be encouraged by the PATF to work at the community level and report to the umbrella body, based on a clear plan of activities.
3. Planning and funding for future conferences need to start early and approaches made to the public and private sector, should be based on research of what appeals to them and when, in order to attract their support. (See Appendix VI)
4. The methodology for future conference planning could include an assessment of where participants came from; who was left out and why, so that wider representation can be achieved- particularly from communities where youth are marginal to the process of environmental management.
5. Information on opportunities for youth to volunteer and also to seek work in areas related to environmental/cultural preservation, is vital for detailed inclusion in future youth conferences, as youth need to be exposed to the successful R2RW strategy of awareness-building through training and livelihoods.
6. The future conference should be preferably three days, with budget inclusive of resource persons who can assist with planning and implementation
7. Time needs to be allotted for a full evaluation at the end of future conferences.
8. Partner agencies such as the Social Development Commission and the National Youth Service, as well as NEPA, RADA, Forestry Department and the NSWMA are critical partners in future planning for our youth.

Programme Schedule

April 8, 2005	
7:00 – 8:30 am	Travel to Venue
7:30 – 8:30 am	Registration, complete Pre Conference Questionnaire
Coffee Break	
8:30 – 8:50 am	Grouping Assignments and Warm up Activity
9:00 – 10:30 am	Official Opening Ceremony
Cultural Prelude	Manchioneal Cultural Group
Welcome & Opening Remarks	Chairman Marline Stephenson-Dalley R2RW
National Anthem	
Prayer	
Conference Overview/Objectives	Mark Nolan, Chief of Party, R2RW
Greetings	Karen McDonald-Gayle - USAID Dr. Grace Turner - NEPA Ministry of Education, Youth & Culture – Minister of State, Dr. Donald Rhodd MP Mrs. Sybil Rendle - PPDC
Recognition of Outstanding Youth (2)	
Greetings	Captain Jonathan Lamey - Chairman, Rio Grande Watershed Management Committee
Cultural Item – Excerpt “Magic Trees”	Port Antonio Theatre Group
Keynote Speaker	Jacqueline daCosta – Cabinet Office
Presentation to Guest Speaker	
Closing Remarks	Chairman

10:30 – 11:00 am	Official Party/Participants Tour and View Exhibits
11:00 am – 12:30 pm	Main Presenter – Dr. Olive Lewin (Interactive session including discussion, questions)
12:30 – 1:30 pm	Lunch
1:30 - 3:00 pm	Field Trip to CASE and to the Marine Police
3:00 – 3:15 pm	Juice Break
3:15 – 4:00 pm	Presentation & Discussion-Richard Kelly. Senior Fisheries Officer, Fisheries Division
4.00 – 4.45 pm	Small working groups - with resource persons
4.45 – 6.00 pm	Plenary Reports from working groups/Discussion; Mechanism for Continuity
6.00 – 6.30 pm	Environmental Challenge Quiz - Marline Stephenson-Dalley - Quiz Master
6.30 – 8.00 pm	Educational Entertainment: (Louis Culture) Port Antonio Theatre Group Open Mike (Portland Talent Show) Box Dinner (served during last segment) CLOSE of CONFERENCE
8.00 pm	Transportation Home

Registration Form

Registration Form

Rio Grande Youth Culture and Environment Conference 2005

Complete and return with Registration Fee of \$100 to Dawn White, PDC/R2RW Shop 29 Village of St George, Port Antonio, Linnette Wilks Millbank
Portland, Everton Parks NEPA Smatt Rd. Port Antonio

Name: _____
(Surname) (Christian)

Alias: _____ Date-of-Birth: (mm-dd-yy) _____

Place of Employment: _____

School: _____ Grade/Form: _____

Telephone #: _____ Email: _____

Organization/Club: _____ Years of Membership: _____

Community in which Organization/Club is located: _____

Are you engaged in Environmentally Friendly Activities: Yes No

If Yes, What Activities?

Tree Planting: Yes No Composting: Yes No

Beautification: Yes No Organic Farming: Yes No

Beach Clean up: Yes No

Other: _____

Transportation Needed: Yes No

Meal Preference: Vegetarian Regular Other _____

Questionnaire

Number _____

Post Conference Questionnaire

Definitions

1. What is a watershed?
 - a. A place to safely store water
 - b. An area of land drained by a major river
 - c. A channel through which agricultural water is passed
 - d. A facility of the National Water Commission

2. What is biodiversity?
 - a. The different blood types of human beings
 - b. A source of national heritage, giving historic importance to a place e.g. the bio-region of the Upper Rio Grande Watershed
 - c. The distinct variety of all plants, animals and micro-organisms- "Life on earth"
 - d. All of the above

Problem Assessment

3. What in your opinion is the most important environmental problem facing:
 - Your community
 - Jamaica
 - The world

Knowledge

4. How many watershed units are there in Jamaica?
5. In which country was the convention signed which deals with World Wetlands Day?
6. In which year was it signed?

7. Do you know any of Jamaica's environmental laws? Yes No

If Yes, which one and what does it say?

8. Correctly match the following by drawing a line (if you don't know, leave as is)

Agro forestry	a) Are protected by International law under the Convention on the International Trade in Endangered Species (CITES).
Jamaican Parrots	b) Is a sustainable farming environmental practice
Sea Grass Beds	c) Grow along the shoreline in shallow water and are important for nurseries for small fish
Natural Forest (i.e. Undisturbed)	d) Now cover less than 10% of Jamaican territory

9. Circle which of the following animals are only found in Jamaica.

Yellow Billed Parrot Yellow Snake Turkey Vulture (John Crow)
Mongoose Crocodile

10. List two activities that can lead to water pollution

11. Circle which of the following Jamaican organizations are involved in environmental conservation/protection

National Works Agency

North Eastern Parks and Markets

Jamaica Conservation Development Trust

Jamaica Public Service

Rural Agricultural Development Authority

Water Resources Authority

12. Name two ways that environmental conservation is important for eco-tourism

a. _____

b. _____

13. List two activities that a household can do to help to protect the environment

Opinion

14. Do you think environmental activities are appropriate for religious organizations/ churches/sports clubs to be involved in? (circle appropriate answer)

- a. Definitely b. If they want to c. Church is not about the natural environment
Sports is not about the natural environment

Personal

15. Would you be willing to work with religious groups different than your own, in an environmental project?

16. Would you be willing to link with a sports club in an environmental project?

17. Rate your current comfort level in communicating environmental concepts to others

- a. Very comfortable
- b. Fairly comfortable
- c. A bit uncomfortable
- d. Not comfortable at all

18. Would you want to work in an environmentally related job? Yes No

If yes, what type? _____

19. Are you part of or would you want to be part of an environmental club or organization?

- a. Yes (already part) No
- b. Yes (Interested)

20. If you answered yes to # 14b, would you be willing to assist in the formation of these clubs/organizations?

Yes No

21. What further skill/training would you need in order to become more active in environmental work?

a. Is this available in Portland Jamaica

APPENDIX IV

List of Attendees

Name	Address	Telephone No.
Hyacinth Sylford	Dumphries, Portland	477-1752
Doyton Morrison	Durham, Portland	886-1918
Lillian Orr	Durham Gap, Portland	433-5105
Malcolm McKenzie		403-3038
Melbourne Orr	Chatsworth, Portland	430-2287
Cynthia Hinds	St. Margaret's Bay	913-3506/378-8083
Denise Francis	Pleasant Hill, Portland	423-5334
Dian McKenzie	8 Johnson Lane, Port Antonio	993-2665
Warren Francis		
Javanna Henry	Stony Hill Road, Port Antonio	897-6927
Camille Johnson	Snow Hill, Portland	874-0046
Stephen Usher		865-1624
Michael Allen		327-0054
Robert Douglas	Spring Bank P.O., Port Antonio	724-8283
Vera Stone		368-0774
Leroy Chambers	Pleasant Hill, Portland	715-4650/457-5410
M. Latchman	Rock Hall, Portland	367-2199
Susan Grossett	Rock Hall, Portland	886-7076
Ryan Grossett	Rock Hall, Portland	401-2863
Sandra Hyde	9 Land Settlement Rd, Pt. Ant.	715-1029/883-0833
Nidus Richards	38b Anchovy L/S	715-4263/993-3041
Desrine Grossett	Rock Hall, Portland	389-7009
Michelle Porteous	29 Boundbrook Rd., Portland	438-4730
Sandra Williams	Rock Hall, Portland	913-3445
Kenney Anderson	Dumphries, Portland	439-4657
Jaunhell McKenzie	Durham, Portland	414-3609
Cynthia Lewis	Millbank, Portland	430-5390
Courtney Taylor	Belvedere, Buff Bay, Portland	439-0735
Stacey-Ann Orr	Durham Gap, Portland	

Name	Address	Telephone No.
Andrene Morrison	Long Bay P.O., Portland	715-3859/486-7655
Racquel Brown	Red Hassel Road, Portland	993-9546
Kaydine McKenzie	Annotto Bay, St. Mary	423-9475
Monique Davis	Stony Hill Road, Portland	844-8857
Dale Johnson	Rio Grande P.A., Portland	877-2267
Enroy Richards	Portland	438-3823
Petal Williams	Portland	353-8100
Varessa Brown	Portland	448-3481
C. Brown	Port. Ant., Portland	715-3859/399-6777
Kadian Hedge	20 Red Hassell Road, Port Ant.	993-9851/448-9225
Nickesha Barton	Moore Town, Portland	365-2308
Shacagay Parchment	86 Red Hassell Rd., Port Ant.	420-4544
Cassandra Weir	Wain Road, Portland	463-8089
Kim-marie Gordon	Stony Hill Road, Portland	482-6070
Veronica Williams	Durham Gap, Portland	890-9375
Maureen Campbell®	1 Smatt Road, Portland	399-0845
Llewelyn Meggs®	Inst. of Ja. 10-16 East Street, Kgn.	379-2486
Sherlean Williams	Nonsuch District, Portland	815-3325
Tichina Parchment		403-0977
Sasha-gaye Smith	Snow Hill, Portland	
Hearon Brown	Port Antonio High, Portland	451-9780
Sharmaine Walker	CASE, Portland	854-8567
Winston Scott	CASE, Portland	857-3570
Lenworth White	CASE, Portland	899-8463
I. Duncan	CASE, Portland	381-8103
B. Wilson	CASE, Portland	842-3117
N. Grant	CASE, Portland	889-1114
Garth Scott ®	CASE, Portland	993-5234
Hillary Smith®	NSWMA, Kgn.	960-1415/354-7498
Johnathan Lamey®	RGWMC	993-5488/367-4182
Alec Dehaney ®	RGWMC	866-5906
Machel Donegan	PEPA	384-4834
Dian McKenzie	Portland Parish Council	993-2665/409-6010
Moshe Simpson	Portland Parish Council	993-3192/700-0176

Name	Address	Telephone No.
A. Bailey ®	J.I.S. Portland	993-2630
Bent Kristensen	Portland Parish Council	993-2022
Caston Farr	Port Antonio Theatre Group	993-4245/383-9833
Keva Harris	Port Antonio Theatre Group	
J. Ellis	Port Antonio Theatre Group	
Simone Hill	Port Antonio Theatre Group	
T. Perkinson	Port Antonio Theatre Group	
R. Roy	Port Antonio Theatre Group	
Sangie Minott ®	Forestry Department	399-2811/384-8412
Sigismond Bailey ®	Forestry Department	875-4179
Glenroy Berry ®	Forestry Department	
Georgia Henry ®	Forestry Department	460-6019
Danny Simpson ®	Forestry Department	993-3843/399-2825
Nadine Simpson	SDC Portland	715-2189/445/2257
Karen McDonald-Gayle ®	USAID	926-3645
Sybil Rendle ®	Portland PDC	715-5465
Selvyn Thompson ®	NEPA	866-5907
Everton Parkes ®	R2RW	406-4991
Caryl Grant ®	CWIP 2	383-4376
Shoapan Williams	CWIP 2	867-7835
Carnette Robinson	JAS Portland	882-9973
Warren Francis	National Youth Service	
Sonja Harris	R2RW	
Mark Nolan	R2RW	
Lisa Kirkland	R2RW	
Marlene Stephenson – Dally	R2RW	
Natalie Holness	R2RW	
Onyije Chigozili	R2RW	

Persons Nominated on the Steering Committee

Nine persons were nominated in the December 14, 2004 meeting to be members of the Steering Committee. They were:

✍ Leon Swire –	Parish Council
✍ Dian McKenzie	Parish Council
✍ Cynthia Lewis	Junior Ranger- Upper RGW, Millbank
✍ Desrine Grossett	Rock Hall
✍ Denise Francis	Pleasant Hill
✍ Caston Farr	Boundbrook/ PATG
✍ Chuck Berry	Portland Health Department
✍ Shoapan Williams	CWIP
✍ Nadine Simpson	Social Development Commission

From this group, the executive was elected as follows:

✍ Chuck Berry	Chair
✍ Shoapan Williams	Vice Chair
✍ Dian McKenzie	Secretary
✍ Desrine Grossett	Assistant Secretary

In addition, the following were selected as Advisors:

✍ Mr. Ralph Falloon	Social Development Commission
✍ Tami Jones	PEPA
✍ Maureen Campbell	Head, PATG
✍ Moshe Simpson	Parish Council
✍ Maisilyn Campbell Leader	PRO- RGWMC/ Prospect Community

List of Sponsors

1. US AID/ Ridge to Reef Watershed Project
2. Bank of Nova Scotia, Ms. Marie Powell, GM Corporate Affairs & Marketing, Scotia Centre Building, 12th Floor-Executive Offices, Duke & Port Royal Street, Kingston-932-0543 (general number is 922-1000)
3. Peggy's Restaurant, Port Antonio

Also approached- interested, but no success:

1. National Commercial Bank, The Atrium, 32 Trafalgar Road, P.O. Box 88, Kingston, Mrs. Sheree A. Martin, Asst. General Manager, Group Corporate Communications or Ms. Belinda Williams
2. Dr. Donald Rhodd, Member of Parliament

Environmental Pledge

Environmental Conservation Pledge

I WILL RESPECT ALL LIVING THINGS, AND THE NATURAL ENVIRONMENT on which they depend, for each is a link in the chain that supports life on earth.

I WILL NOT POLLUTE THE JAMAICAN ENVIRONMENT or degrade the quality of our air, soil or water by the improper disposal of waste: and I will otherwise set an example of good conservation conduct at home, at school and at work by recycling, reusing and reducing waste.

I WILL PROTECT JAMAICA'S COASTAL RESOURCES including the beaches, cays, coral reefs, wetlands and sea grass beds, which are vital to our fisheries and to our survival from storms and hurricanes. I will help to keep them free of pollution and avoid the use of inappropriate fishing methods such as dynamiting, chemicals and spear fishing.

I WILL ACTIVELY SUPPORT WATERSHED MANAGEMENT & RE-AFFORESTATION programmes. I commit myself to planting and nurturing trees and shrubs so as to enjoy the myriad benefits of their existence in our "Land of Wood and Water".

I WILL NOT BUY OR SELL endangered animals or plants or the products derived from them. I will exercise my rights as a Jamaican consumer to support products, which do not cause environmental damage and boycott products associated directly or indirectly with environmental damage.

I WILL CONSERVE NON-RENEWABLE RESOURCES including fossil fuels and minerals. I will use renewable resources including forest products, water and marine resources, no faster than their ability to regenerate themselves.

I WILL STRIVE TO MAKE SUSTAINABLE USE of our natural environment so that no species will be threatened or disappear because of my actions, and I will strive to protect all species particularly those that are rare, threatened or endangered.

I WILL CALL ATTENTION TO CASES OF POLLUTION and other abuses of nature caused by environmentally inappropriate policies, projects, commercial processes or products.

I WILL RESPECT THE ENVIRONMENT WHEREVER IN THE WORLD I GO, join environmental groups and actively support the defence of nature by others, including official and organized groups.

I Hope Through These Actions To Be Able To Rejoice In The Beauty Of Jamaica, Our "Land Of Wood And Water" All The Days Of My Life And To Share With Our Descendants The Wonders Of Nature.



National Environment
& Planning Agency

Signed _____

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