



**The Great River Watershed
Youth and Environment
Conference 2004**



Ridge to Reef Watershed Project

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The Great River Watershed Youth and Environment Conference 2004

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Government of Jamaica
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Implemented by:

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Introduction and Rationale

The second Youth and Environment Conference was held from July 13 – 15, 2004 following on the success of the first conference. There was an overwhelming demand for the conference to be held annually, and for this year's conference to run for three, instead of two days. Young persons attending the AGM of the GRWMC in October 2002 had expressed concern that enough was not being done to include youth in watershed management activities. Thus the idea for the first Youth and Environment Conference was born.

Findings from the Conference of 2003 indicated that the broad objective of improving watershed conditions by targeting youth was met, since they were all knowledgeable on the importance of protecting the watershed and the environment in general. However, the Conference also revealed that the knowledge base and exposure to nature attractions among young participants were limited. Youth representatives, who are active in various watershed improvement activities, strongly recommended that conference 2004 should focus on deepening the learning experience in specific areas.

The objectives for the 2004 conference were:

1. To educate young persons from Eastern and Western Jamaica on critical environmental issues and create a forum where they can be identified as environmental stewards
2. To acknowledge, honour and celebrate youth involved in environmental activities and create linkages among environmental leaders
3. To provide opportunities for youth to learn more about careers in environmental sciences, including agriculture
4. To demonstrate the link between environmental laws, policies and practices, tourism, religion and every day life.

Planning Process

After an initial planning meeting held in April with the St. James 4H and teachers from three schools, a broad based planning meeting was held on May 13, attended by some 26 young persons, all from eleven watershed communities and Montego Bay. Others in attendance were two teachers, NEPA's Regional Officer, two representatives from stakeholder organizations- (4H Clubs and Seventh Day Adventists in Western Jamaica), and five Ridge to Reef staff members.

At the end of the meeting, a chairperson and two vice chairmen, as well as eight others (all young persons including two teachers and one NEPA Officer) were elected to a Steering Committee (see *Appendix 8*). A series of planning meetings followed, with decisions made and tasks distributed as follows:

- ✍ Using a participatory method, the meeting agreed on the following Conference theme for this year- "**Youth protecting the environment, protecting the future**".
- ✍ It was recommended that the Conference be held for three days instead of two and at the same venue, which was Teamwork Christian Centre. Based on what occurred at the previous Conference with presenters, it was recommended that there be fewer speakers and more time for youth to learn through creative and interactive sessions.
- ✍ St. James 4H Club would be invited again this year to manage the administrative aspects of the planning work, particularly from the Western end.
- ✍ Winning schools from the western parishes, in the 4H Environmental Challenge Competition would be invited to display their entries.
- ✍ The Conference would highlight the environmental activities that youth are engaged in and their achievements.
- ✍ Day 2 could be devoted to field trips- i. to a Nature attraction and ii. to a watershed area that require improvement- such as Seven Rivers where there is illegal washing of cars.
- ✍ An environmental DJ and performing artist would be invited to work with youths on environmental messages through song, drama, and poetry. Judges would be invited to assess the creative work of participating groups.
- ✍ A Watershed related Quiz would be administered by Marline Stephenson-Dalley.
- ✍ A public session for adults from the wider communities would be held on the first evening and Ridge to Reef would be responsible for inviting a guest speaker.
- ✍ Ridge to Reef would also be responsible for inviting a Government Minister to the Official ceremony on the first morning, as well as expert presenters and agencies who would offer a range of exhibits
- ✍ The age of participants would be lowered to 12, but the younger ones would need to be accompanied by 4H leaders, teachers or other youth leaders.

It is important to note that this planning process was completely democratic, with youth providing the leadership in the following areas:

- ✍ Managing meetings, taking minutes, and keeping records.

- ✍ Drafting letter to private sector businesses requesting donations and support.
- ✍ Deciding on the Conference theme.
- ✍ Supporting Ridge to Reef in inspecting the venue for final logistical arrangements.
- ✍ Deciding on field trip activities for Day 2.
- ✍ Making strong recommendations on the number of days for the conference and the content and format they preferred.
- ✍ T-shirts for Conference participants produced by a youth representative who is part of a small business.

The framework for the scope of activities was set by Ridge to Reef staff, and the planning process which followed, took only two months, during which time five planning meetings were held. Ridge to Reef staff, supported by St. James 4H Club, guided and coordinated the entire process, as well as taking the responsibility for all invitations including- guest speaker for the Official Opening ceremony, and for the evening Public session; to the four main expert presenters (including a R2RW staff member), to schools in St. James who were successful in the 4H Environmental Challenge competition, to creative artists and judges who would work with the youth, and to exhibitors who would inform youth specifically on career opportunities. Ridge to Reef also made arrangements for food, transport, and registration logistics, for the session on Advocacy, and for all financial transactions.

What Were the Results

Participants

91 young persons, inclusive of three teachers participated in this year's conference. This was a similar number to the first conference. This number is inclusive of sixteen persons from the Rio Grande Watershed communities and wider Portland who also attended. In addition, officials from USAID, NEPA Public Education, GRWMC Executive and Public Awareness Task Force, The Executive Director of Jamaica 4H Clubs, and the Executive Director of NEPA, NEPA Parish Officer, and Exhibitors spent quality time at the Conference. The CEO of NEPA also contributed to our public education outreach messages through the media. In total, 31 communities from Western Jamaica, and 9 from Portland were represented. This represented a wider coverage for environmental education than was achieved in year one. In terms of sex ratio, there was a more than 2:1 ratio of females to males (62:29) This is another reflection of the relative invisibility of young males in Jamaica's social setting (*see Appendix 9 for list of participants*).

Exhibitors

There were nine booths or tables, operated by the following:

- ✍ Ridge to Reef Watershed project
- ✍ Institute of Jamaica
- ✍ National Environment and Planning Agency
- ✍ College of Agriculture Science and Education
- ✍ Jamaica 4H Clubs
- ✍ National Solid Waste Management Authority
- ✍ Forestry Department
- ✍ Pesticide Control Authority
- ✍ Water Resources Authority
- ✍ CASE, in particular, focused on career opportunities information for the three days



Mr. Llewlyn Megs (second right) of the Institute of Jamaica showing (from left) Don Streete, Hon. Aloun Assamba, Patricia Sinclair-McCalla and Mark Nolan the IOJ exhibit



4-H Club exhibit. From left to right is Mr. Mark Nolan, Mrs. Patricia Sinclair-McCalla, Mr. Lenworth Fulton, Hon. Aloun Assamba

Presenters

There were four main presenters and two guest speakers on Day 1; three youth presenters and two creative artistes performance on Day 2; one Judge from the Montego Bay Little Theatre Movement, two Ridge to Reef co-presenters on Advocacy on Day 3; and one Ridge to Reef Quiz "Master" on Day 3. The presentations were all focused on the Conference's theme of 'Youth protecting the environment, protecting the future'.



Curtis Groulx of the Cedar Grove Environmental Club enlightening the conference on the activities that Ridge to Reef has done in the Cedar Grove Community

Conference Program Summary

Conference Day 1

Pick up to Team Work Auditorium

The participants were transported from the #1 Post Office to the venue. Patrick Gardner and Mrs. Barbara Lawrence were appointed Bus Warden, to make sure that the transport process went smoothly. During the transport the participants were given a card for them to write details such as name, age and community represented, which was then collected upon arrival at the venue.

Upon arrival at the venue, the participant's names were checked to find out if they had paid their registration fee of \$200.00, if not, they would pay the fee. Their names were then written in the Registration sheet and upon completion, were handed nametags. The nametags would be useful in getting the participants in different set of groups. They were also given a booklet, which consisted of the Conference programme, brochures on endemic and endangered species found in Jamaica, the Great River Watershed and the Rio Grande Watershed, Questionnaire sheet. The participants were not given a T-Shirt on Day 1 for the reason that it was not yet ready for distribution.

Opening Ceremony

The programme for the opening ceremony is given in *Appendix 1*. The highlight of the Opening Ceremony is depicted below.

- ✍ The Minister of Tourism, the Honourable Aloun Assamba opened the Conference after giving a stimulating talk on the link between Tourism and the Environment, with references to the 10 Year Master Plan for Tourism, which includes an emphasis on community tourism.



The Hon. Aloun Assamba highlighting the Conference on the link between Tourism and the Environment

- Other speakers offering greetings at the Opening Ceremony included Mark Nolan- Ridge to Reef Chief of Party, Don Streete of the GRWMC, Mr. Lenworth Fulton of the Jamaica 4-H Clubs, Mrs. Patricia Sinclair- C.E.O. of NEPA and Mr. Howard Batson of USAID.
- A creative highlight of the official ceremony, was an excerpt from “Magic Trees” presented by some members of the Port Antonio Theatre Group, a resource group responsible for environmental education through drama in the Rio Grande Watershed.



A scene from the skit "Magic trees" performed by the Port Antonio Theatre Group

After the opening Ceremony, the Hon. Minister was presented with a framed ‘It haffi legal’ poster.



Antonio Buddington had the honour of presenting the Hon. Aloun Asamba with the 'It Haffi Legal' Poster



Mark Nolan, Ridge to Reef Chief of Party Addressing the Conference Gathering



Guest Representatives at the Conference, from left to right are Mr. Lenworth Fulton, Executive Director Jamaica 4H Clubs; Mark Nolan, Ridge to Reef Chief of Party; the Honourable Aloun Assamba, Minister of Tourism; Patricia Sinclair-McCalla, NEPA CEO.; Mr. Howard Batson, Director, Office of the Environment, USAID; Don Streete, Chairman GRWMC

The names of the other relevant presenters on Day 1 and the title of their presentations are summarized below.

- ✍ "The impact of land based practices on marine life" – Richard Kelly, from Fisheries Department
- ✍ "Poverty, Population and the environment"- Lemuel Brady, from the Western Conference of Seventh Day Adventists
- ✍ "The function of Wetlands" Leo Douglas, Ridge to Reef Watershed Project

- ✍ Water conservation interactive games, lead by Natalie Morgan Ferguson from Water Resources Authority
- ✍ Imani Duncan, the guest speaker at the Public Session that evening, spoke as one youth to others, on her life journey starting in high school as an environmentalist, and her personal commitment to even correcting a driver who threw waste out of his car. She was well received and the question and answer period was personal and informative, even for the youngest participants.

Day 1 ended with the Action Boyz' educational skit "Wha yu dash weh nuh wash weh". It was well received and community representatives who had not seen them before expressed interest in having them perform in their communities.

Conference Day 2

Day 2 was a full day for the participants. The first part of the Day consisted of a Field Activity and a Field Trip. The field Activity took place at the Retrieve Community. The participants were engaged in 'Plant lumber trees given to the conference by the Forestry Department. The Retrieve Community will maintain those trees and the Action Boys had the task of ensuring that the Community does so. The participants were also given a tour, by Neville Williams and Barry Taylor, of the Constructed Wetlands, situated at the Retrieve All Age School.

After the Tree planting and Constructed Wetland tour, the group was treated to a delicious lunch, mainly prepared by some members of the Retrieve Community.

The next step on the agenda was the Field trip to the Swamp Safari, a natural wetlands in Trelawny. The group went on a tour of the compound, where they learnt about the different types of crocodiles that were found in Jamaica, saw and learnt the names of endemic birds, snakes and lizards.



The Jamaican crocodile at the Swamp Safari



The Jamaican Yellow Snake- an endemic species located at Swamp Safari

After the field visit, the group then returned to Team Work, where they refreshed themselves and had dinner in preparation for the evening programme.

Mackie Conscious and Fabian Thomas were booked for the night to entertain the participants.

- ✍ Mackie Conscious – An environmentally conscious popular singer, performed two of his original hit songs. After this the group was divided into two workshop groups, one (song writing) group went to Mackie Conscious and the other (drama) group went to Fabian Thomas. Mackie Conscious spent time with his group teaching them how to manage song writing, copyright procedures, and techniques in stage performance. At the end of the workshop, the group came up with a song composed of original lyrics and performed a creditable environmental song.
- ✍ Fabian Thomas- a drama educator from the Montego Bay Little Theatre Movement, gave an interactive talk on techniques in creative drama. He then managed a workshop with his group of participants. They were taught techniques in drama writing, acting and presentation, after which, the group produced and performed a drama piece of very high quality.

Day 2 ended with an excellent acrobatic dance routine by the Action Boyz from Retrieve Community, and some of the participants performed in dance, song, poetry, drama- which proved to be a well executed extension to the creative works of the evening. This segment was managed by Ryan Dixon, summer intern with R2RW, and Andy Grant, representative from Lamb's River. A high level of talent was evident in that evening's offerings.

Conference Day 3

Eight groups comprising approximately twelve persons each, developed and performed entries for a Creative Arts competition. This was judged by Onyije Chigozili from NEPA, Sonja Harris from Ridge to Reef, and expert Judge Douglas Prout, head of the Montego Bay Little Theatre Movement. He presented the findings and reasons for the winning performance, which was an excellent piece called "Story Time," which used human bodies as valuable fruit and lumber trees.

Trevor Spence and Sonja Harris later co-presented on Advocacy, a theme that had already been alluded to in previous presentations by participants. The lecturette focused on, going beyond the fun and games of community animation, to doing the needed research for organizing a lobby or petition group to change a critical environmental situation (*see Appendix 10 for hints on Advocacy*). Four groups were then given the responsibility to organize a drama piece outlining the steps they would take in building an advocacy movement in response to situations of poor sanitation contributing to river pollution; Styrofoam use by shopkeeper; and transforming community hostility to a local level politician, when a health hazard is not addressed and when a needed service that could benefit the environment is not quickly delivered.

The Environmental Quiz competition was a very exciting and closely run race with one person from each of the eight groups sitting on two panels of four, vying for the winning place. The quality of responses was one clear indicator that participants were much more knowledgeable this year than last year, on a range of environmental topics. Both groups were well matched and in fact there were no losers (*see Appendix 4 for Quiz questions and answers*).

Media Coverage

Media response to the conference was outstanding. There was extensive radio coverage in which two programmes were aired live on location – **“Tony Laing and Company”** from Power 106 and **“The Teen Jam”** programme with Rosie Murray on KLAS FM. NEPA’s CEO engaged in an extensive interview with Mr. Laing and a number of Ridge to Reef staff were interviewed as well as youth representatives from the conference including the “Action Boys”. Marline Stephenson did 5 live links, during the **“Hot Mix”** a programme aired on Hot 102 and hosted by Richard Burgess. NEPA’s representative was also interviewed via telephone. Interviews were also done with other partner sponsors CWIP and Environmental Solutions on the two consecutive days following. Dozens of promos were done across all three radio stations as a run up to the event.

Public service announcements were also aired on KLAS, HOT 102, IRIE FM, ZIP FM and the media was well represented at the opening ceremony. Other interviews done on **“Beyond the Headlines”** with Antonio Buddington, Daneel Troupe and 11 year old Trishana McBean, from Vaughnsfield Primary one of the winners in the 4-H environmental Challenge competition, who won the hearts of her interviewers. Power 106 **“Independent Talk”** interviewed Leonard Shaw and Sonja Harris. IRIE FM **“Jamaica Corner”** interviewed Sonja Harris & Denise Francis from Portland Theatre Group.

The following articles appeared post conference.

Thursday July 15 Daily Gleaner. Headline **“Efforts being made to transform Portland to a Green destination”**

Thursday July 15 Daily Gleaner front page photograph of Mark Nolan & Patricia Sinclair Mc Calla

Friday July 16 Daily Gleaner **“Jamaica 4H Club Expands Environment Project”**

Saturday July 24, Western Mirror. Headline **“Young Environmental Stewards held three day conference”** inclusive of four photo captions.

Participants' Knowledge Base Questionnaire Results

Sixty questionnaires of a possible 90 were returned. This two-thirds sample provides us with the basis for assessing participants' knowledge of environmental issues and opinions on related matters. The improvement in knowledge among participants was noteworthy. For example-

Compared to the previous year, a higher percentage of participants:

- ✍ Knew the correct answer to what was a watershed (100%);
- ✍ Had a broader sense of the environmental problems facing their community, i.e. solid waste disposal, pollution, and soil erosion;
- ✍ Could link agro-forestry to sustainable environmental farming practice
- ✍ Were aware of the names and could identify the animals/birds that were only found in Jamaica, namely Turkey vulture, crocodile and mongoose.

On the other hand, a lower percentage was:

- ✍ Aware of environmental laws (76% vs. 87% -last year) and only 5% could name some laws;
- ✍ Aware of the role of Western Parks and Markets in environmental protection; (28% this year cf 34% last year)
- ✍ Very comfortable with the thought of communicating environmental concepts to others (35% vs. 55% -last year)

The new questions asked in regards to household activities that could lead to water/river pollution; activities that householders can engage in to protect the environment; and the link between environmental conservation and the tourist industry, brought encouraging responses, see below:

Water (River) Pollution

Due to:

- ✍ Leaching and discharge of fertilizers, industrial waste and chemicals in rivers
- ✍ Dumping garbage in gullies and rivers
- ✍ Washing vehicles near the river
- ✍ Improper disposal of sewerage in rivers
- ✍ Pit latrines beside the river
- ✍ Urinating in or near rivers
- ✍ Washing clothes in rivers
- ✍ Improper farming practices
- ✍ Animals grazing by the river bank

Activities to Protect the Environment

- ✍ Proper disposal of garbage and educate family on these methods
- ✍ Prevent the letting oils, grease chemicals pollute the water
- ✍ Do not destroy flora and fauna
- ✍ Do not wash clothes or bathing in the river
- ✍ Recycling plastic bottles instead of burning

- ✍ Composting
- ✍ Tree planting
- ✍ Storing pesticides carefully
- ✍ Proper sewerage disposal
- ✍ Familiarize oneself with environmental laws and educate family on such
- ✍ Build sanitary conveniences in community where there are none
- ✍ Build proper drainage system
- ✍ Start an environmental club
- ✍ Use items that are recyclable
- ✍ Recycle, reuse and reduce waste
- ✍ Pierce cans to prevent mosquito breeding
- ✍ Practice mulching

Areas of Link Between Environment and Tourism

- ✍ Keeping beaches clean and beautiful so tourists can visit
- ✍ Sustain and protect endemic and endangered species so tourists can learn about them
- ✍ Preservation of the natural habitat
- ✍ Preserving coral reefs to attract tourists
- ✍ Maintaining natural resources to support eco-tourism
- ✍ Protecting rivers that rafters use for tourists
- ✍ Providing more recreational and beauty spots for visitors

Similar to Conference 1, the majority of participants felt that it was appropriate for religious organizations to be involved in environmental activities, and would be willing to work on related activities with groups outside of their religion.

(82%) of the sample responded that they were comfortable (35% very comfortable; 47% fairly comfortable) in communicating environmental concepts to others. A smaller percentage of 80% compared to 93% in 2003, would want to work in an environmentally related job. From the examples given, it is evident that participants are being more practical and realistic now in their career objectives. Some of the participants specified that they would work in Public Relations; Park Ranger; Environmental Police; Environmental Manager; GIS specialist; Environmental entertainer; Urban Planner; Forestry and Wildlife officer; Agriculturalist; Enforcement Officer; Public Educator; Water Conservation Officer; Geologist; Marine Biologist; Field Service Coordinator.

An encouraging 53% of respondents were already part of an environmental club, and another 40% were interested. Of those interested, 83% would be willing to assist in the formation of these clubs.

Post Conference Evaluation

Twenty percent of the participants were sampled. See results in Appendix 6

In summary, out of the eight presentations, six were rated above 75% for being informative. Leo Douglas' video presentation on Wetlands was rated the most informative (85%), and Richard Kelly's presentation on Marine Life, closely followed by Natalie Morgan's interactive games on Water conservation were rated as the most exciting (66% and 61% respectively). The presentation rated highest as most worthwhile was Fabian Thomas' at 52%.

Overall the presentations were good, but based on interviewing participants on their thoughts on the presentations, it can be said that Imani Duncan and Lemuel Brady's presentation were too lengthy. It was recommended that they should have just got to the point quickly. Lemuel Brady

had a bulk of information, but did not focus on the highlights. As soon as the participants were retaining some information, another topic was introduced. Therefore not much of what he presented was grasped.

The Exhibitors that got the highest ratings in the "Informative" area were – 4H Clubs; NEPA; Ridge to Reef Watershed Project; and WRA respectively. All were rated 90% or above in that category.

The Action Boyz were rated highly for their informative (71%) and exciting (89%) performances, and the two field trips were rated equally well in the "Informative" and "Exciting" categories, but the tree planting activity was rated twice as "worthwhile" at 71% than the swamp safari's 35%.

Summary of Major Findings

There were higher numbers of Communities (40) and Clubs (36) represented at Conference # 2, in comparison to the 30 Clubs represented at Conference # 1(see *Appendix 8*). This augurs well for the message of building stewardship among young persons.

Only 4% of the post conference sample felt that adjustments were needed to the presentations, in that some presentations were too limited and no one presented on career possibilities in environment studies. 23% of that same sample felt that presenters needed more time to present and 19% felt sections of the presentations were boring.

Younger participants (ages 12- 15) had no difficulty engaging in all the activities, from understanding the presentations to discussing their new knowledge on the radio. It can then be stated that the mix of ages and inclusion of teachers worked well.

Participants were more knowledgeable this year than last year. This was seen in the responses to the formal Quiz. There was also greater understanding of what is required in terms of technical training to work in an environmental setting.

A higher percentage of youth were already involved in environmental organizations or clubs.

The inclusion of the Drama and Entertainment experts added to the pool of resource persons, who have special appeal for youths.

The link between environment and tourism was well articulated in their responses to the Questionnaire.

Participants were willing to work with religious groupings on environmental activities.

Even though the participants have now been exposed to the long-term work involved in organizing advocacy or lobby work, they will still need more training in this area.

Building on gaps in environmental awareness from last year' Conference, participants this time found the tree planting activity worthwhile and are better understand its significance to counteract deforestation.

Recommendations

- ✍ The organizers should make sure that the catering service provides for the Vegetarians as was stipulated on the registration sheet, since some participants had difficulty in acquiring their meal preference.
- ✍ Copies of the video of the Conference proceedings can be distributed to GRWMC; RGWMC; NEPA and Task Force Heads.
- ✍ A similar conference with emphasis on the cultural issues pertinent to Portland, is needed for RGW and wider Portland youth.
- ✍ That field interns be retained at least 10 weeks before any future conference to assist community youth in preparing projects for presentation.
- ✍ Field interns are needed (2) to work with the Field and Logistics Officer to do specific follow up work with all the viable clubs represented at the 2004 conference.
- ✍ Establish a mechanism for participants to advise – NEPA; SDC; R2RW of their follow up plans, and support required from these organizations, as well as from the Forestry Department; RADA; Public Health Department and other partners.

Other Recommendations

- ✍ Field interns hired before any future conference should also screen interested participants, to ensure that their attendance is in keeping with environmental goals.
- ✍ Conference organizers need to ensure that there is a more balanced mix of males and females
- ✍ Presenters need more briefing on the length and focus of their presentations.
- ✍ Accommodations need to be in a state of readiness.

Great River Youth and Environment Conference 2004

Theme: *Youth Protecting the Environment, Protecting the future*

Conference Program

Day 1 – July 13, 2004	
7:00 – 8:30 am	Transfer from #1 PO to Team Work Centre. Pick up at 7:00, 7:30, 8:00 & 8:30am
7:30 – 9:00 am	Registration & Check in, Pre Conference Questionnaire Completion
9:00 – 9:45 am	Refreshments
9:45 – 10:15 am	Grouping/Getting to Know You; Seating
10:15 - 11: 30 am	Official Opening Ceremony
Welcome & Opening Remarks	Chairman Marline Stephenson-Dalley R2RW
National Anthem	
Prayer	
Cultural Item	Port Antonio Theatre Group
Conference Overview/Objectives	Mark Nolan, Chief of Party, R2RW
Greetings	Mr. Howard Batson, Director, Office of the Environment, USAID Mrs. Patricia Sinclair, CEO, NEPA
Youth presentations (2)	Pisgah All-Age School – Patricia Scarlette Cedar Grove – Curtis Groulx
Greetings	Jamaica 4H Executive Director Lenworth Fulton Chairman Great River Watershed Mgmt Committee Don Streete
Keynote Speaker	Honourable Aloun N'Dombet Assamba Minister of Industry & Tourism
Presentation	Framed Poster Taken From It Haffi Legal Campaign; Basket of Fruits
Closing Remarks	Chairman
11:30 – 12 noon	Official Party/Participants Tour & View Exhibits
	End of Official Ceremony
12 noon – 1:00 pm	Lunch

1:00 - 1:15 pm	Ice Breaker – Dawn White, PPDC/R2RW
1:15 – 1:45 pm	Presentation & Discussion “Poverty Health & the Environment” Presenter: Lemuel Brady
1:45 – 2:15 pm	Presentation & Discussion “Significance of Marine Resources and Impact of Land Based Activities” Presenter: Richard Kelly, Senior Fisheries Officer, Fisheries Division
2:15 – 5:00 pm	Water Resources Management Presenter: Natalie Ferguson, WRA
5: 00 – 6:00 pm	Dinner
6:00 – 6:15 am	Short Break for Residential Participants
6:15 – 8:30 pm	PUBLIC SESSION
Program	
	Welcome/Opening Remarks – Marline Stephenson-Dalley
	Prayer
	“Environmental Conservation for Small Islands – The Crisis!” Presenter: Leo Douglas, R2RW
	Cultural item – Action Boyz
	Guest Speaker Imani Duncan, Director of the Tourism Cluster Competitiveness Project
	Question & Answer Rap Time
	Closing remarks End of Public Session
8:45 – 9:15 pm	Presentation on Constructed Wetlands Short Discussion
10:00	Lights Out
July 14 Day 2	
5:00 am	Wake Up Call
7:00 am	Breakfast
8:00 am	Depart Team Work for Retrieve
9:00 – 11:30 am	☞ Environmental Activity – Tree Planting ☞ View Constructed Wetland
11:30 am – 12:30 pm	Lunch

12:40 pm	Depart Retrieve for Nature Attraction
2:00 – 4:30 pm	Swamp Safari
5:30 – 6:00 pm	Shower Time
6:00 – 7:00 pm	Dinner
7:00 – 8:30 pm	Youth presentations ✍ Patrick Gardner ✍ Valencia Samuels ✍ Curtis Groulx Performance and Performing Arts Workshop with Fabian Thomas of MLTM & Mackie Conscious
8:30 – 10:00 pm	Performing Arts Presentations (4)
11:00 pm	Lights Out
July 15 Day 3	
6:00 am	Wake up call
7:30 am	Breakfast
8:30 am	Field Trip Recap/Lessons Learned – Trevor Spence
9:00 – 11:00 am	Performing Arts Presentations (3) To be Judged by Sonja Harris, Douglas Prout, Fabian Thomas
11:00 am – 1:00 pm	Environmental Laws protect our rights: Building Advocacy Skills-Trevor Spence & Sonja Harris
1:00 – 2:00 pm	LUNCH
2:00 – 3:30 pm	✍ Environmental Quiz ✍ Award Ceremony
3:30 – 3:45 pm	Post Conference Evaluation
3:45 – 4:00 pm	Snacks for the Road
4:00 pm	Depart Teamwork Centre

Registration Form

GREAT RIVER YOUTH & ENVIRONMENT CONFERENCE 2004

Pre-Registration Form, Admission Fee \$200.⁰⁰

Name: _____

Aka: _____

Date of Birth _____ Sex: Male ? Female ?

Profession: _____

If Employed Where _____

School: _____ What Grade or Form _____

Telephone # _____

Organization/Club _____ Years of Membership _____

Community in which Club/Organization is Located _____

Engaged in Environmentally Friendly Activities: Yes ? No ?

What Activities? Yes ? No ? Composting? Yes ? No ?

Tree Planting? Yes ? No ? Beautification? Yes ? No ?

Beach Clean up? Yes ? No ? Other? _____

Organic Farming? Yes ? No ? Meal Preference? Vegetarian ? Regular ?

Transportation needed (from # 1 post office)? Yes ? No ?

Signature of Participant

Signature of Principal/President/Church

Nominations

Is there someone from your community who has displayed good examples of environmental stewardship? If so, tell us about that person. In not more than a hundred words, indicate why your nominee is worthy of recognition for an award for outstanding environmental work. This person should be 30 years or younger and be a participant in the Youth and Environment conference 2004.

These are the individuals that were nominated:

1. Curtis Groulx- Cedar Grove
2. Patrick Gardner- Castle Heights, Bethel Town
3. Patricia Scarlett- Pisgah All Age School, St. Elizabeth
4. Kerene Howell- Millbank, Portland
5. Cynthia Lewis- Millbank
6. Valencia Samuels- Somerton, St. James

Youth and Environment Conference Watershed Quiz and Results

Question	Answer
Alternating Segment Questions are asked alternately	
1. What is the maximum penalty under the Forest Estate Act for cutting trees in a Forest Estate without a License?	\$500,000 and/ or 2 years in prison
2. What is the maximum penalty under the National Solid Waste Management Act for throwing garbage in gullies, rivers or streams?	\$1,000,000 and/or 9 months in prison
3. What is the name of Jamaica's first Marine Park and protected area?	Montego Bay Marine Park
4. Name Jamaica's first terrestrial park and protected areas?	Blue and John Crow Mountain National Park
5. How many fishing beaches are there on the island of Jamaica?	184
6. What is the estimated number of fishers in Jamaica?	20,000
7. True or false. Cuba, the largest island in the Caribbean has the largest standing stock of Conch in the Western Hemisphere.	False - Jamaica has the largest
8. True or false. Dolphins are commonly observed in Jamaican coastal waters.	True
9. Name two major causes of decline in the fish catch in Jamaica	Mangrove destruction, over fishing, coral reef destruction, bad use of fishing gear
10. What is the name of the two most commonly used offshore fishing banks in Jamaican marine space?	Pedro Bank and Morant Bank
11. Name the Species of marine animals for which there are closed season in Jamaica.	Conch and Lobster
12. There are four species of birds that can be hunted in Jamaica during the declared hunting season with a hunting license. Name one of the four	White-crowned Pigeon (bald pate), White Winged Dove, Long-tailed Peadove (paloma), Zenaida Dove (or Peadove)

Question	Answer
13. True or false. It is legal to sell and/or order turtle soup in established restaurant and licensed supermarkets	False - turtle meat is always illegal
14. True or false - It is legal for people to purchase lobsters from fisherman during the closed season as long as this is in a certified restaurant.	False
15. What does the acronym RADA stand for?	Rural Agricultural Development Authority
16. What does the acronym JAS stand for	Jamaica Agricultural Society
17. What is the name of the Environmental Stewardship competition in which communities in the GRW can participate and win prizes and recognition as clean and environmentally conscious communities?	Green Village Program
18. What is the name of the jingle and slogan of the R2RW project's public awareness program about Jamaica's environmental laws?	It Haffi Legal or It Haffi Legal lyah
19. Name the most common types of trees found in natural wetlands around Jamaica?	Mangroves
20. Name one-way Mangrove help to protect coral reefs?	By trapping sediments/ controlling flood waters/ removing and absorbing fertilizers and other chemicals harmful to reef animals/providing a nursery for baby reef fish
21. The Great River is fed by 7 major tributaries. Name one	Quashie River/Lambs River/Seven Rivers/Brown's River/Bragging Tom River/Mafoota River/Roaring River
22. Near what Community does the Great River arise?	Pisgah
23. How does a watershed get its name?	By the major river draining that area
24. What is a watershed?	An area of land that drains to a body of water such as a river (and eventually to the sea)

Question	Answer
25. From what book in the Bible (NIV) is the following verse taken- "The heavens declare the glory of God; the skies proclaim the work of his hands. Day after day they pour forth speech; night they display knowledge"	Psalm (specifically Psalm 19)
26. From what book in the bible (NIV) is the following verse taken-"Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit seed in it, according to their various kinds"	Genesis (specifically Genesis 11)
27. In what Parish is Seaford Town located?	Westmoreland
28. In what parish is the town of Chester Castle located?	Hanover
29. Organic farming uses more agricultural chemicals than other farming practices.	False
30. True or False. Farmers who adopt organic farming practices should be able to attract more favourable prices for their produce	True
31. Complete the Jamaican saying: Every day bucket go a well...	One day the bottom going to drop out.
32. Complete the Jamaican saying: Young bud.....	No know storm
33. What is the name of the drama performed by the Action Boyz yesterday?	Wey yu dash weh, nah dash weh
34. What is the name of the drama performance performed by the Port Antonio Theatre Group on Tuesday?	Magic Trees
35. In what Community in the Great River Watershed does the GR rafting begin?	Lethe
36. In what Community do you find the Rocklands Bird Sanctuary?	Anchovy
37. Why was the mongoose introduced into Jamaica?	A. To control rats
38. The mongoose was introduced into Jamaica from what country?	India

Question	Answer
39. What are the three R's of Solid Waste Management	Reduce, Recycle, Reuse
40. What is the process by which biodegradable plant materials are prepared to allow them to break down into soil?	Composting
41. What is the theme for the 2004 youth and environment conference?	Youth protecting the environment, protecting the future
42. What was the theme for the 2003 youth and environment conference?	Youth making a difference in the environment
Second Segment	
Each team is given the chance to answer questions within a 30 second period	
43. What does the acronym WRA mean?	Water Resources Authority
44. True or False. A permit is required to drill a well.	True
45. What does the acronym CWIP mean?	Coastal Water Quality Improvement Project
46. What does the acronym EAST mean?	Environmental Audit for Sustainable Tourism
47. Name one of Jamaica's species of parrots	Yellow Bill and Black Bill
48. Give the standard name for the John Crow	Turkey Vulture
49. What is the name for the bottom of a river?	The bed
50. What is the name for the total space through which the river's water flows?	The Channel
51. Black Sigatoka affects what commercially important crop in Jamaica?	Bananas
52. Lethal Yellowing affects what commercially important crop in Jamaica?	Coconuts
53. <i>True or False</i> - Crocodiles are carnivores	True
54. <i>True or False</i> – Crocodiles chew their food	False
55. What organization in Jamaica has the mandate to regulate the use of pesticides?	Pesticide Control Authority

Question	Answer
56. What organization in Jamaica has the mandate to regulate the capture and or sale of any native protected plant or animal?	National Environment & Planning Agency
Buzzer Segment The team that presses the buzzer first is allowed to answer the question	
57. In a constructed wetland sanitation system, what part of the plant is responsible for releasing chemicals that can kill disease-causing organisms such as bacteria?	The Roots
58. On what continent did the local tradition of planting a tree over the naval string of a baby originate	Africa
59. How many bird species are found only in Jamaica and therefore nowhere else in the world?	Thirty (30)
60. Dumping in gullies, rivers or streams is illegal under what environmental law?	National Solid Waste Management Act
61. Who is the Chief Executive Officer of the National Environment Planning and Authority	Patricia Sinclair-McCalla
62. What is the motto of the National Water Commission?	Water is life
63. What is the name of the largest butterfly in the western hemisphere, which is only found in Jamaica?	Papillo homerus or Giant Swallow Tail Butterfly (NOT- The Swallow tail butterfly)
64. What is the name of the 4-H Clubs most recent environmental program sponsored by Ridge to Reef?	Environmental Challenge Program
65. What does the acronym USAID mean?	United States Agency for international Development
66. There are two communities in the GRW that have the names of native species of trees. Name one	Cedar Grove or Mahogany Hill
67. What is the name of the seventh Harbour in the world?	Kingston Harbour

Question	Answer
68. How many watershed management units does Jamaica have?	26
69. Name one bird of the Heron family that is to be found in Jamaican wetlands	Green Heron/ Green-backed Heron/ Great Egret/ Snowy Egret/ Tri-coloured Heron
70. True or False. Jamaica has over 200 species of orchids.	True
71. What are the words of the first line of the 'It haffi Legal' jingle	Yow, it haffi legal lya, yuh done know!
72. True or False. Over 90% of Jamaica's forest has been destroyed since the time of Columbus	True
73. On which coast/side of Jamaica is the continental shelf the widest and therefore best for fishing?	The south Coast
74. True or False. The prestigious Round Hill Hotel is located in the Great River Watershed	True
75. True or False. The harvesting of yam sticks is a good environmental practice	No. (It causes deforestation)
76. There are four (4) types of mangrove trees in Jamaica. Name 2	Red/Black/Button and White Mangrove
77. True or False. The American Crocodile is endemic to Jamaica	False. It is indigenous (that is native, but not endemic as it is also found in other countries in the region)
78. What is the purpose of a gabion basket?	To help prevent landslides, erosion of riverbanks and flooding
79. True or false. Plastic PET bottles will degrade in 200 years if crushed and buried in soil.	False. PET bottles will take over 350 years to break down in the environment
80. What is the name of Jamaica national biannual environmental exposition?	Green Expo
81. How many parishes does the great river watershed encompass?	Four - Hanover, Westmoreland, St. Elizabeth and St. James
82. What does the Green in the Jamaica Flag represent?	The green of the land

Question	Answer
83. What does the acronym CITES mean?	Convention on the International Trade in Endangered Species

Summary of (Post) Conference Questionnaire Results

There were **Sixty (60)** Questionnaires returned by the participants.

Each questionnaire comprised of fifteen questions. The results are as follows:

Question 1

Definitions

What is a Watershed?

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

100% of the participants answered correctly. Answer was b

Problem Assessment

Question 2

What in your opinion is the most important environmental problem facing:

- Your Community
- Jamaica
- The World

Out of the total 60 questionnaires, 20 persons did not answer this question properly, instead of giving their opinions on the above question; they circled one of the three areas. One (1) person misinterpreted the question, the question had asked for environmental problems and only social problems were listed.

However, the various answers given by the remaining 39 questionnaires were:

Your Community

Pollution	25%
Improper Disposal of Solid Waste	56%
Improper Drainage	2%
Deforestation	2%
Soil Erosion	12%
Illegal Mining	2%

Jamaica

Pollution	28%
Improper Disposal of Solid Waste	48%

Deforestation	5%
Destruction of Wetlands	2%
Wildlife Destruction	2%
Forest Fires	5%

The World

Deforestation	17%
Improper Disposal of Solid waste	20%
Pollution	35%
Ozone Layer Depletion	15%
Global Warming	2%
Destruction of Natural Habitats	2%

Question 3

Do you know any of Jamaica's environmental laws?

The majority of the participants did not know the specific laws. They answered yes to the question but only outlined the 'do not' activities that can be harmful to the environment. This total amounted to 76%.

5% of the sample was aware of environmental laws.

The laws listed were:

- ✍ NRCA Act
- ✍ Watershed Act
- ✍ Beach Control Act
- ✍ Natural Resource Control Authority Act

16% of the sample answered that they did not know any environmental laws

Question 4

Correctly match the following by drawing a line:

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

Answers:

Agro Forestry

Is a sustainable farming environmental practice

Jamaican Parrots

Are protected by international law under the Convention on the International Trade in Endangered Species (CITES)

Sea Grass Beds

Grows along the shoreline in shallow water and are important for nurseries for small fish

Natural Forests (i.e. undisturbed)

Now cover less than 10% of Jamaican territory

18% of the sample answered this question incorrectly.
82% answered correctly

Question 5

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

Yellow Billed Parrot	60%
Yellow Snake	55%
Mongoose	23%
Crocodile	15%
Turkey Vulture (John Crow)	18%

Question 6

List two activities that can lead to water pollution.

The frequent answers to this question were

- ✍ Leaching of fertilizers in rivers
- ✍ Solid Waste disposal in rivers
- ✍ Washing of harmful chemical substances in the waters such as spray pans containing chemicals such as weedicides, pesticides and fertilizers.
- ✍ Washing of vehicles near rivers
- ✍ Disposing of gasoline and other oils into the river
- ✍ Dumping garbage into gullies
- ✍ Improper disposal of sewerage into the rivers
- ✍ Construct pit latrines beside the river

- ✍ Urinate in or near the rivers
- ✍ Washing of clothes inside the rivers
- ✍ Discharge of industrial waste example from factories, into the rivers
- ✍ Leaching of agricultural chemicals into rivers
- ✍ Improper farming practices
- ✍ Allow animals to graze near the river banks

Question 7

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

National Works Agency	5%
Western Parks and Markets	28%
Montego Bay Marine Park	68%
Jamaica Public Service	0%
Rural Agricultural Development Authority	70%
Water Resources Authority	50%

Question 8

Name 2 ways in which environmental conservation is important for the tourist industry

The frequent answers given for this question were:

- ✍ Keep the beaches clean and beautiful so that more tourists can visit
- ✍ Sustain and protect the endemic and endangered species, so that the tourists who have never seen them could come to visit
- ✍ The natural habitat will be preserved
- ✍ Provide beautiful coral reefs to attract tourists
- ✍ It helps in the beautification of the country
- ✍ More foreign exchange can be acquired when tourists come to the country
- ✍ It maintains the natural resources which aids in eco-tourism
- ✍ It protects the rivers that is used for rafter purposes, which is a tourist attraction
- ✍ Provides a lot more recreational venues for the visitors

Question 9

List 2 activities that a household can do to help to protect the environment

The frequent answers given for this question were:

- ✍ Proper dispose of your garbage
- ✍ Do not use oils, chemicals, grease to pollute the water
- ✍ Do not destroy the flora and fauna
- ✍ Do not wash clothes in the river
- ✍ Recycle plastic bottles instead of burning them
- ✍ Practice composting
- ✍ Tree planting
- ✍ Place garbage in bags so that the garbage trucks can pick up and deposit at the designated garbage dump site
- ✍ Store all pesticides carefully
- ✍ Educate family members on the proper disposal of garbage
- ✍ Practice proper sewerage disposal
- ✍ Get familiar with environmental laws so that family members can know the right and wrong ways of doing things
- ✍ Build sanitary conveniences in communities that do not have any
- ✍ Build proper drainage system
- ✍ Start an environmental club
- ✍ Practice using items that are recyclable
- ✍ Recycle, Reuse and reduce waste
- ✍ Do not bathe in the rivers
- ✍ Pierce cans so that they do not store water, which would breed mosquitoes
- ✍ Practice mulching techniques

Question 10

Do you think environmental activities are appropriate for religious organizations (such as churches) to be involved?

Definitely	88%
If they want to	5%
Church is not about the natural environment	2%
No comment	5%

Question 11

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

Yes 90%

The comments made states that:

- ✍ As long as it does not include anything religious
- ✍ I can learn more about the environment through working with the different religious groups
- ✍ I find this as a medium to protect the environment
- ✍ The environment is everybody’s responsibility, therefore, it does not matter what religion a person belong to, since whatever occurs affects everyone
- ✍ Protecting the environment should be a group effort
- ✍ Everyone should make it their responsibility to protect the environment regardless of their religious differences
- ✍ God made this land and it should be the responsibility of everyone to come together and protect it

No comment 10%

Question 12

Rate your comfort level in communicating environmental concepts to others

Very Comfortable	35%
A bit Comfortable	11.7%
Fairly comfortable	47%
Not comfortable at all	5%

Question 13

Do you want to work in an environmentally related job?

13.3% of the participants said no

80% said yes and specified

- ✍ Public Relations
- ✍ Park Ranger
- ✍ Environmental Police
- ✍ Environmental Manager
- ✍ Geographical Information System
- ✍ Environmental Entertainer
- ✍ Urban Planner
- ✍ Forestry and Wildlife officer
- ✍ Agriculturalist

- ✍ Enforcement Officer
- ✍ Public Educator
- ✍ Water Conservator
- ✍ Geologist
- ✍ Marine Biologist
- ✍ Field Service coordinator

6.7% Did not give an answer

Question 14

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

Yes (already part)	53%
Yes (interested)	40%
No	1.7%
No answer	6.7%

Question 15

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

Out of the 23 persons that had answered yes to Question 14b, 83% said yes that they would be willing to assist in the formation of these clubs, 3.3% said no and 1.7% did not give an answer.

Post Conference Evaluation Results

20% of the sample was surveyed.

The Survey questions focused on how the participants felt about the:

- ✍ Opening Ceremony
- ✍ Presentations by professionals
- ✍ Exhibitions
- ✍ Field Trips
- ✍ Presentations by participants
- ✍ Quiz Competition

The participants were asked to rate how they felt about the above topics by ticking **Informative, Exciting, Worthwhile and Useless.**

Questions were also asked on the follow up activities that the participants will be engaged in after the Conference and on the Green Village Award.

Question 1

a) The ratings for the Opening Ceremony were

Informative	66%
Exciting	19%
Worthwhile	28%

b) The highpoints of the Opening Ceremony were

Everything was great	19%
Minister Aloun Assamba	42%
Mark Nolan's speech	14%
No high point	9%

Question 2

The rating for the Professional presentations were:

Lemuel Brady

Informative	80%	Exciting	9%	Worthwhile	33%
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Richard Kelly (Fisheries)

Informative	80%	Exciting	66%	Worthwhile	23%
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Leo Douglas (R2RW)

Informative	85%	Exciting	42%	Worthwhile	28%
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Natalie Morgan (Water Resources Authority)

Informative	57%	Exciting	61%	Worthwhile	28%
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Imani Duncan (Motivational Speaker)
Informative 61% Exciting 23% Worthwhile 38%

Fabian Thomas (Drama Expert)
Informative 76% Exciting 57% Worthwhile 52%

Mackie Conscious (Entertainer)
Informative 76% Exciting 33% Worthwhile 33%

Trevor Spence/ Sonja Harris (R2RW)
Informative 76% Exciting 23% Worthwhile 33

Comments on the Presentations were:

- ✍ The presenters needed more time to present 23%
- ✍ All of the presentations were o.k. 57%
- ✍ Boring 19%
- ✍ No comment 4%
- ✍ There should have been a major presentation, highlighting possible careers in the environmental field 4%
- ✍ Presentations should be more detailed 4%

Question 3

The ratings for the Exhibitors were:

Institute of Jamaica
Informative 47% Exciting 9% Worthwhile 28%

NEPA
Informative 95% Exciting 23% Worthwhile 28%

R2RW
Informative 95% Exciting 28% Worthwhile 33%

Pesticide Control Authority
Informative 80% Exciting 14% Worthwhile 28%

CASE
Informative 66% Exciting 28% Worthwhile 33%

WRA
Informative 90% Exciting 28% Worthwhile 28%

Forestry Department
Informative 80% Exciting 14% Worthwhile 28%

National Solid Waste Management Authority
Informative 76% Exciting 28% Worthwhile 28%

4H Clubs
Informative 100% Exciting 9% Worthwhile 19%

The number of participants that did not view the exhibits was:

IOJ	33%
CASE	19%
Pesticide Control Authority	14%
WRA	9%
National Solid Waste Management Authority	14%
NEPA	4%

Question 4

The ratings for the Field Trips were:

Retrieve (Tree Planting)
Informative 52% Exciting 76% Worthwhile 71%

Swamp Safari
Informative 52% Exciting 76% Worthwhile 35% Useless 4%

Question 5

The ratings for the presentations by participants

Action Boyz
Informative 71% Exciting 89% Worthwhile 57%

Creative Arts (Day 2)
Informative 71% Exciting 47% Worthwhile 42%

Creative Arts (Day 3)
Informative 61% Exciting 61% Worthwhile 38%

Role Play and Presentation on Advocacy
Informative 85% Exciting 14% Worthwhile 28%

What were your feelings on the Quiz Competition?
Informative 80% Exciting 61% Worthwhile 19%

The comments on what was learnt on the Quiz Competition were:

- ✍ Learnt about endangered and endemic species
- ✍ Learnt about environmental laws
- ✍ Learnt information in regards to general knowledge
- ✍ Learnt a lot of new information
- ✍ The Quiz Competition was a reminder of what I already knew
- ✍ Learnt the definition of Watershed
- ✍ Learnt about the total number of watersheds in Jamaica
- ✍ Learnt more about Communities within the watershed

- ✍ Learnt new information on watersheds
- ✍ This years Competition had more knowledgeable persons entering than last year's
- ✍ Learnt about Mangroves and Watersheds
- ✍ Learnt about the name of one of the river within the watershed
- ✍ Learnt about the Constructed Wetlands
- ✍ Learnt about environmental laws and penalties
- ✍ Learnt that patience and endurance pays
- ✍ Learnt nothing new
- ✍ Learnt everything
- ✍ Learnt that knowledge is power

Question 6

The comments on what follow-up activity that the participants will be engaged in after the Conference were:

- ✍ Beautification work
- ✍ Community Clean Up
- ✍ Continue to inform the people around me about environmental issues
- ✍ Plant more trees
- ✍ Invite my Pathfinder groups on what occurred at the Conference
- ✍ Try to get the young children in my community to be more environmentally aware
- ✍ Place garbage bins and signs along the roadways
- ✍ Convene a meeting on Thursday August 5, 2004 to discuss what I have learnt at the Conference and organize an environmental project from there.
- ✍ Visit farms and educate farmers about soil/land conservation techniques
- ✍ Visit clubs with the purpose of sensitizing them about garbage management, cleaning and greening
- ✍ Liaise more with the CDC on environmental issues
- ✍ Work with Community members in organizing the Green Village Award
- ✍ Carry out an education exercise, where I would sensitize schools, churches, and clubs on environmental issues
- ✍ Enlighten my environmental club at school on what had taken place at the Conference.

Question 7

This question was only applicable to participants who reside within the watershed.

The comments made on the question of how would the participants ensure that their Community participates in the Green Village Award.

- ✍ Meet as a Club and discuss the Competition and make relevant decisions from there
- ✍ Have a meeting with Community members on August 1st, 2004 to discuss the project. Invite Barry Taylor to the Community with the aim of sensitising the people about the Competition.
- ✍ Get the people more aware of the Competition and get them involved in the beautification exercise.
- ✍ Direct community members to focal points within the Community to clean and green the Community.
- ✍ Organize a project; invite personnel from NEPA and R2RW to speak to the Community members in order to get them to participate more in the project.
- ✍ Organize an activity from the next Community meeting.
- ✍ Complete the Green Award Competition form and return to Barry Taylor.
- ✍ Assisting the Community members to realize the importance of having a clean Community.

List of Persons nominated on the Youth and Environment Steering Committee

Names	Organizations
Mr. Lemuel Brady - Advisor	Western Jamaica Conference of Seventh Day Adventists
Mrs. Barbara Lawrence - Advisor	St. James 4 - H Clubs
Mrs. Andrea Steele - Advisor	NEPA
Mr. Barrington Taylor - Advisor	NEPA
Sonja Harris, Participation, Public Awareness Specialist	R2RW
Marline Stephenson-Dalley, Conference Coordinator, Public Relations Specialist	R2RW
Nikki Floyd	R2RW Intern, Recording Officer
Antonio Buddington - Chairman	President, Montego Bay Community College Ecology Club
Gregory Hewitt - Vice Chairman	4-H Clubs/ Herbert Morrison Technical High
Lebert Dennis - Vice Chairman	President, Catadupa United Youth Club
Leonard Shaw	P.A.T.F. Chairman/ Bickersteth C.D.C
Patricia Scarlett	Teacher, Pisgah All Age School
Ewan Scott	Action Boyz
Shahanya Steele	Herbert Morrison Technical High
Andy Grant	President, Lamba River Youth Club
Anastacia McIntyre	Catadupa United Youth Club
Kayon Eason	Content Full Gospel Church
Andrew Cummings	Knockalva Agriculture School
Odain Farrier	Knockalva Agriculture School
Clevon Forrester	Bickersteth C.D.C.

A Matrix of the Number of Males and Females that Attended the Conference from the various Watersheds

Name of Watersheds	Number of Persons in Attendance	
	Male	Female
Great River Watershed	20	36
Rio Grande Watershed	2	13
Montego Watershed	7	13
TOTAL	91 PARTICIPANTS	

The Number of Communities Represented by the Number of Participants

Names	Tel. Numbers	Communities	Clubs	No. of participants
Radane McLaughlin	896-8364/458-2061	Somerton, St. James	Somerton Community Representative	3
Valencia Samuels	405-7007		Pathfinder	
Ayanya Anderson	350-8078			
Cristal Leach Karene Rose Zola Rose	851-4025 426-3728 439-8681	Retrieve, St. James	Retrieve Community rep.	9
Errol Rose George Rose Nigel Cox Renvil Rose Cecil Rose Ewan Scott	402-4996 412-9376 895-1735 843-7059 426-3138 421-7883		Action Boyz	
Tina Mortgage Athina Messado	- 447-1170	Cambridge, St. James	Cambridge Tri Star Police Youth Club	2
			4-H Clubs	
Nastashia Drummond	460-5841 / 971-6833	Rose Heights, St. James	Rose Heights Community rep.	1
Damar Pearson Oneisha Hyman	445-2160 404-2207	Mafoota, Mt. Horeb P.O. St. James	Mafoota Youth Club	2
Shanique Johnson	385-1317	Retirement, St. James	Retirement Community rep./ 4- H member	1
Jevane Simeth	- - 862-1489 413-5146	Montego Bay P.O.	Ophel Pathfinder	5 See above
Learoy McDonald Jevon Smith Sue Ann Kerr		Montego Bay P.O.	Pathfinder (Ophel Club)	
Nereen Stewart			Montego Bay Community College Ecology Club	
Nikki Floyd	879-3586	Catherine Hall, Montego Bay	Urban and Regional Planning Club/ R2RW	1

Names	Tel. Numbers	Communities	Clubs	No. of participants
Leonard Shaw	952-3377/845-1585/979-9879	Bickersteth, St. James	Bickersteth C.D.C.	1
Lavern Godfrey Kenward Reid Lebert Dennis Marvin Stone	424-8457 403-5998 979-6423 350-1039	Catadupa, St. James	Catadupa United Youth Club	4
Kaneil McKenzie	843-6838	Hendon, Norwood, St. James	Western Society for the Upliftment of Children	1
Barbara Lawrence	940-5360 (f/p)	Orange P.O. St. James	4-H Clubs	1
Vereen Williams	312-7542/601-0163	Granville, St. James	4-H Clubs	1
Kadian Coote	421-3785	Kensington, Welcome Hall, St. James	4-H Clubs / CASE	1
Racquel Walker Martina Frankson Travis Daley Lionel Green Nickiesha Thorpe	312-4869 458-5176 874-6023 806-9117 434-4502	Johns Hall, St. James	4-H Clubs	5
Michael Williams	-	Wales Pond, St. James	Wales Pond Citizens Association	2
Colene Walker	843-0177		Pathfinder	
Carol Robinson	424-8365	Stonehenge, St. James	Stonehenge Citizens Association	1
Peta-Gay Lewis	865-1041	Belmont, Anchovy, St. James	CASE	1
Natasha Stewart Vevannie Riggon	886-8967 462-8849	German Town, Maroon Town, St. James	4-H Clubs	2
Trishana McBean Shadae Hinds	896-6436 449-9912	Tangle River, Flamstead Garden, St. James	4-H Clubs	2
Shanieke Gordon	314-9447	Sign, P.O. St. James	4-H Clubs	1
Andre Bennett Kimberly Dewar	836-6294 376-2098	Mt. Salem, Montego Bay	Pathfinder (Drion Pioneer)	2
Shellan Gordon	971-2946/399-0348	Albion, Montego Bay	4-H Clubs	1
Shenika McFarlane	375-6094	Farm Heights, Montego Bay	NEPA/ UWI Geographical Society	1

Names	Tel. Numbers	Communities	Clubs	No. of participants
Tian Gordon Carian Gordon	880-9333/971-3587	4 Agate Lane, Montego Bay	Peer Leaders	2
Christeen Powell	884-4074	Lucea P.O. Hanover	Fletchers Grove Baptist Youth Fellowship	1
Antonio Buddington	956-5409/421-3327	Orchard Housing Scheme, Hanover	Montego Bay Community College Ecology Club	1
Patrick Gardner Nardia Brooks M. Wilson Ulanda James	417-0235 439-8584 874-4515 458-4746	Castle Heights, Bethel Town	Castle Heights Youth Club	4
Omar Roach Peta-Gay Roach Kemoy Allen	439-8584 - 449-8986	York District, Bethel Town	York full Gospel Church	3
Melissa Wright	862-3566/957-2298	Barneyside, Bethel Town	Barneyside Baptist Church	1
Curtis Groulx Justin Groulx Damion Griffiths Alleighton Griffiths	875-6291 428-2812 - 364-1321	Cedar Grove, Bethel Town	Cedar Grove Environmental Club	4
Bridgette Birch Sophia McKnight	810-1182 779-8891/848-2586	Dundee P.A., Westmoreland	Dundee United Youth Club	2
Patricia Scarlett Venessa Wilson Tasha-Gay Brown Franz McDonald Nickay McLeod Pamella Stevens	352-3247/456-3741 352-3247 352-3247 352-3247 352-3247 892-0377	Pisgah, St. Elizabeth	4-H Clubs	7
Tellesia Rhoden	462-5043		Pisgah New Testament Church of God	
Karen Jopp	840-6350/913-6488	Buff Bay, Portland	4-H Clubs	1
Julicia Hutchinson	847-2073	Norwich District, Portland	Norwich Community rep.	1
Collen Lindsay	913-5180	Stanton District, Fellowship, Portland	Fellowship Youth Club	1
Kerene Howell		Mill Bank District	Bowden Pen Farming	2

Names	Tel. Numbers	Communities	Clubs	No. of participants
Cynthia Lewis	455-3290 407-9841	Portland	Association	
Shopan Williams	867-7835/715-6666	Stony Hill District, Portland	CASE	3
Nadejah Deacon Roxanne Pryce	407-4424/993-9159 418-2291/993-2150		Stony Hill Community Club	
Caston Farr	383-9833/993-4245-7	Allom Avenue, Portland	Port Antonio Theatre Goup	1
Denise Francis	423-5334	Pleasant Hill District, Portland	Pleasant Hill Citizens Association	1
Carla Cunningham	423-2661	Fairy Hill, Portland	JCDC	2
Cordel Allen	810-4093		NEPA	
Melecia Hutchinson Garth Scott	- 427-6272	Port Antonio, Portland	CASE	2
Andy Grant	353-3750/843-5523/953-3372	Lambs River, Westmoreland	Lambs River United Youth Club	1

Hints on Advocacy

History of Advocacy

- ✍ Community based organizations have not been involved in national policy issues.

How to Change This

CBOs need to:

- ✍ Study, monitor and evaluate the situation of interest (through newspapers, internet search, or discussions with knowledgeable persons).
- ✍ Focus their environmental club on this situation over a few meetings.
- ✍ Join with other development or legal or civil rights organizations to take action.

What is Advocacy

- ✍ A process that forces change in corporate or government policies or behaviour. This process is a fundamental part of a truly democratic society. Groups of citizens have the right to influence change.
- ✍ Advocacy, lobbying, negotiations, petitions are processes, not isolated events.
- ✍ Advocacy involves education and training of participants and new leaders on the issues most important to them.
- ✍ An advocacy campaign should work to model the values and principles that the group is striving for. Decisions are made openly and are flexible.

The Process

- ✍ Advocacy participants must be prepared to get into intensive and extensive work. They must believe in themselves, that they can change things for the better.
- ✍ The work involves selecting a leader (or two) agreed to by the group.
- ✍ The work should be divided so that each member of the group has something to do e.g. write letters; mail out correspondence; arrange meetings with others etc.
- ✍ The work should be set out in a Work Plan or Plan of Action.
- ✍ Remember, advocacy campaigns are fluid and may not follow the path planned.
- ✍ Goal needs to be set that is specific and reachable.
- ✍ Resources needed (human and financial) must be identified.
- ✍ Remember, alliance with other organizations who support the same issue, are key.

Tools for Advocacy

- ✍ Letter writing – Be brief (one page); agree with the addressee on some point; use correct spelling.
- ✍ Meet with key people you are trying to influence or change; if the person sends a junior staff member, plan what you will do; arrange who will speak in the meeting.
- ✍ Agree on follow up action.
- ✍ Demonstrations should only be used occasionally- not always effective.

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 _____

Production and Distribution by the National Environment & Planning Agency

