

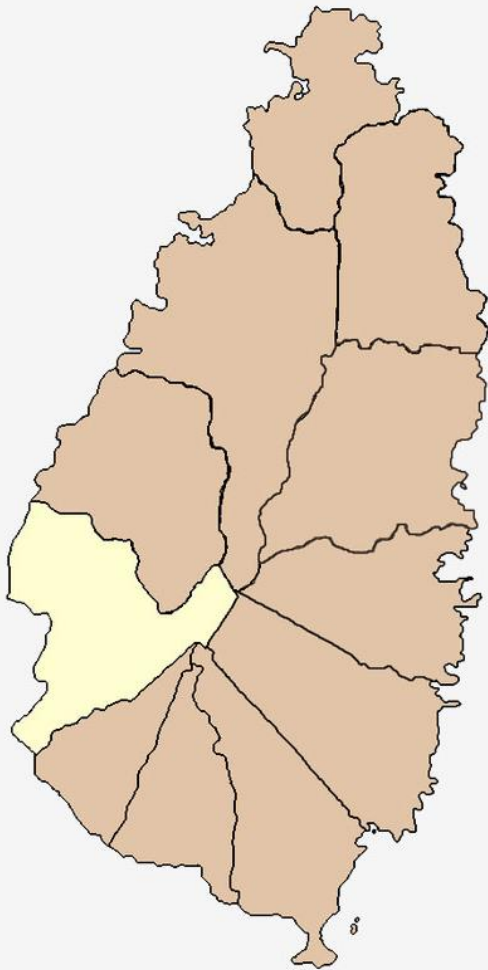


* Improving Water Quality in a microwatershed in Soufriere, Saint Lucia

Caribbean Student Environmental Alliance Inc
GEF SGP Grantee

Harbour Club, Gros-Islet Saint Lucia

30th May 2019



Chris Baldwin



*Rayine Claire





*Components

- * Improve water quality of one spring
- * Improve effluent from pig pens: low cost tank biogas digester
- * River Health Campaign
- * Transition farmers to organic farming



- KAP enumerators
- Community consultations
- WQ monitoring training
- Spring Explorations
- Pig farmers



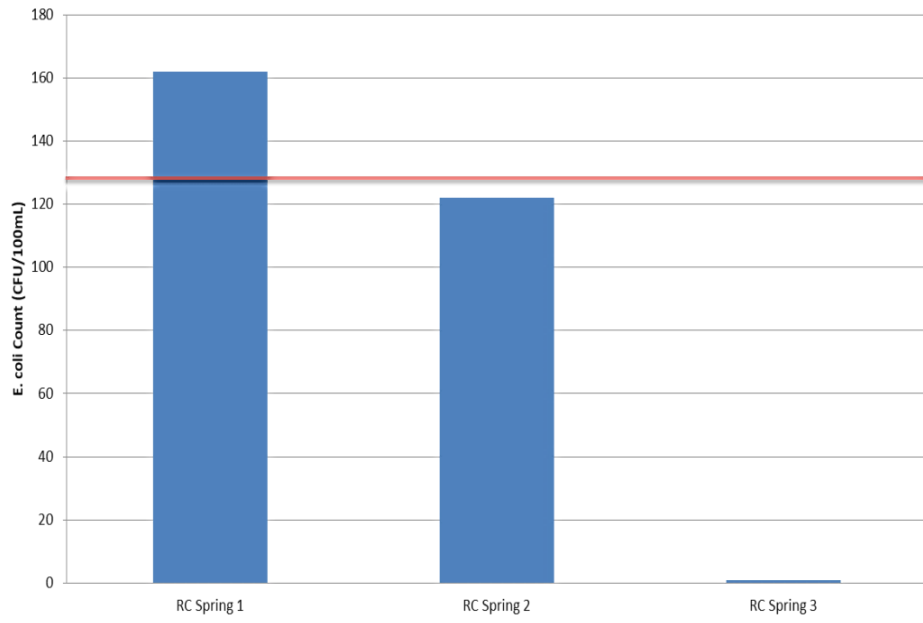
* Community Involvement



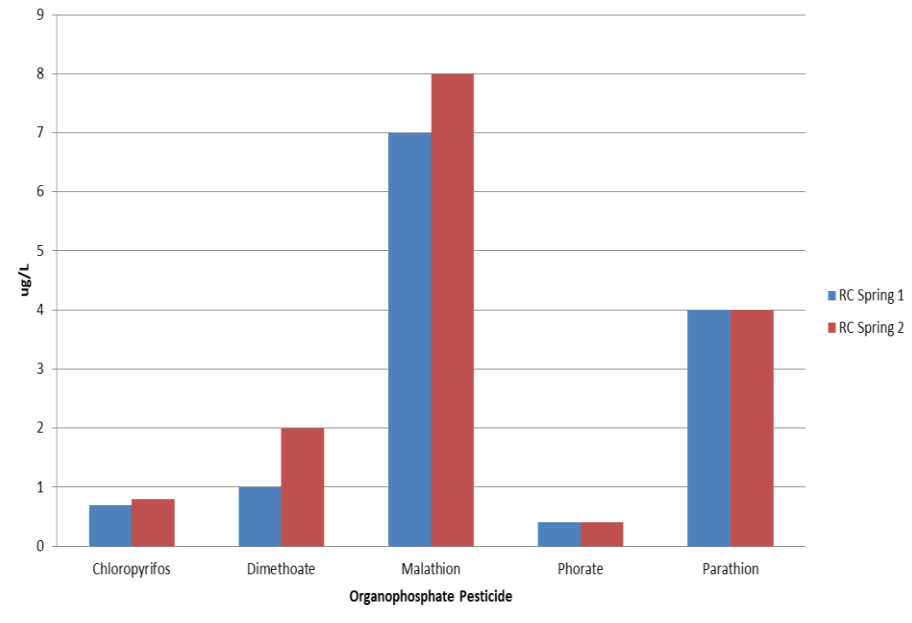
*Water quality of springs,
waterfalls and stream



E. Coli Analysis



Organophosphate Pesticide Analysis



*Baseline



* Education
and citizen
science



*Science Fair



- * Conduct a thorough review of all projects being implemented and designed to find synergies and avoid duplication.
- * Project partnerships with similar goals enhance collective outcomes
- * Key resource person must work closely with schools to achieve project objectives.
- * Land tenure issues should be clarified early on in the project planning phase.
- * Community members welcome initiatives that they are integrally involved in from design to implementation.

* Lessons Learned



- * IWEco
- * SMMA
 - * Current and previous GEF SGP projects
- * GIZ
 - * Doctoral research student
 - * Ongoing water monitoring CATS II
- * National Students Council
- * Agriculture: Engineering, Extension

* Partnerships