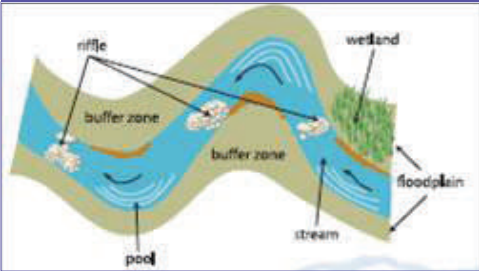


What Makes A Healthy Gut?

- A meandering, winding, S-shaped curve across the land (see below).
- Open, unobstructed access to floodplains.
- A vegetated buffer zone on the gut-banks.
- A variety of native plants and animals living in and near the gut.



Components of a healthy stream.

6 Simple Ways to Preserve / Improve Your Gut's Health

1. Do plant in your buffer zone.
2. Do keep onsite wastewater treatment systems (septic systems) in good working order.
3. Do help nature by removing trash from guts.
4. Don't change the path of your gut.
5. Don't clear in the buffer zone.
6. Don't dump anything in the gut.

Learn How to Restore a Natural Gut Channel To:

- Reduce stream bank erosion,
- Minimize property damage & flooding,
- Create wildlife habitat,
- Improve recreational uses (fishing, bird-watching, hiking) &
- Look attractive!



Making Things Happen!



V.I. Resource Conservation & Development Council, Inc.
5030 Anchor Way, Suite 2
Christiansted, VI 00820-4692
Phone: 340-692-9632 x5
Fax: 340-692-9607
E-mail: vircd@usvircd.org

V.I. RC&D

Adventure Gut Restoration Field Days



Field Tour & ESC Demo

August 6, 2009

9:00 a.m. — 12:00 p.m.

Tree Planting

August 7, 2009

8:00 a.m. — 4:00 p.m.

V.I. Ag Dept. Hay Fields

www.usvircd.org

Streamside [Riparian] Restoration

Many guts in the Virgin Islands have been severely damaged by human activities.

Vegetation removal; alteration of natural water flow paths; gut channel excavation, filling & paving; illegal trash & sewage dumping; and trampling by livestock all reduce a guts' ability to safely convey storm water.

Degraded & unstable guts:

- ◆ Deposit eroded sediment onto downstream properties, roads, ponds & beaches, and smother corals & seagrasses with sediment,
- ◆ Undermine homes and public roadways,
- ◆ Cause loss of native habitat, and
- ◆ Increase flooding & landslides during storm events (as seen during Hurricane Omar's heavy rains in October 2008).

This project is funded by a Nonpoint Source Pollution Management (§319) grant from the V.I. Department of Planning & Natural Resources Environmental Protection Division.

When & Where

▶ **August 6, 2009: 9:00 a.m.—12:00 pm**
August 7, 2009: 8:00 a.m.—4:00 p.m.
Eastern edge of the V.I. Agriculture Dept. hay fields, Estate Lower Love, St. Croix (across the road from Ag Fair Grounds).

Activities

▶ **AUGUST 6: FIELD TOUR & DEMO**
Three-hour field tour of project site with hands-on demonstration of erosion control practices.

AUGUST 7: NATIVE TREE PLANTING
All-day volunteer activity to learn about native trees found along guts & learn proper seedling planting techniques.

Two 100-foot stream bank segments along the Estate Adventure Gut will be reshaped & stabilized to reduce stream bank erosion & transport of sediment to coastal waters, and to enhance the riparian [streamside] corridor for waterfowl and other wildlife.

Partners

- ▶
- ◆ V. I. Resource Conservation & Development Council, Inc. (V.I. RC&D),
 - ◆ V.I. Dept. of Agriculture,
 - ◆ V.I. Dept. of Planning & Natural Resources,
 - ◆ North Carolina State University Stream Restoration Institute,
 - ◆ UVI Agricultural Experiment Station & Cooperative Extension Service
 - ◆ St. Croix Environmental Association
 - ◆ Wright Contracting, LLC

V.I. RC&D is an Equal Opportunity Provider & Employer

Who Should Attend

Government agency personnel, local engineers, architects, landscapers, hotel personnel, contractors, property owners, and other interested parties are invited to participate.

Confirmation Form

Please fax, mail or email to V.I. RC&D office at number/address listed below:

NAME: _____

AGENCY / COMPANY: _____

MAILING ADDRESS: _____

PHONE: _____

EMAIL: _____

ATTENDANCE DAY(S) [please check]:

AUGUST 6: FIELD TOUR & DEMO

AUGUST 7: NATIVE TREE PLANTING*

** water & equipment will be provided*

V.I. RC&D

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