

Scope of Services

“Waste” Water System Planning & Design

Purveying the Decentralized Concept of “Waste” Water Management

System conceptual planning

Strategic planning and permitting

Planning and implementation of management concepts

Detailed design of collection and treatment systems

- Effluent sewerage collection systems
- High Performance Biofiltration treatment systems
- Constructed wetland treatment systems
- Drip irrigation dispersal systems

Design/Specification of equipment packages

Collective and on-lot systems

“Waste” water treatment unit equipment packages

Purveyed in association with local partners

High Performance Biofiltration treatment units

For collective and on-lot systems

Drip irrigation system packages

Effluent pump station units

Low-Impact Development Planning, Design & Implementation

Planning & Design Services

System conceptual planning

Strategic planning and permitting

Detailed design of stormwater conveyance and controls

Planning and implementation of management concepts

Planning and design of rainwater harvesting systems

Detailed Planning & Construction

Planning bioretention units for local appropriateness

Specification of bioretention unit soil and plant materials

Installation of bioretention units (in association with local partners)

Rainwater Harvesting

Yield-demand modeling (using rainwater model created by David Venhuizen, P.E.)

Water availability analysis (required to obtain development plat)

Planning and permitting of backup water supply system

Operational plan for backup water supply system

Standards and service plan for building-scale facilities

Integrate rainwater catchment into the stormwater management plan

Development-wide fire protection plan