

## ***Firm History***

Founded in 1995, Royal Consulting Services, Inc. is a licensed and bonded engineering and construction management firm serving clients in the United States and throughout the world.

Our experience with every aspect of planning, engineering, and construction has allowed RCS to provide the exemplary service that has become the hallmark of our work.



Florida, USA  
[www.royalconsulting.com](http://www.royalconsulting.com)



## **Project Experience**

**East/Northeast Leachate Study**  
Pollution Control Department, Thailand

**Residential, Commercial, & Resort Water Supply Design/Build**  
Barra do Cuanza, Angola, Africa

**Regional Effluent Disposal Modeling**  
Kissimmee, Florida

**Farm Irrigation System**  
Juticalpa, Honduras

**Gray Water Reuse & Irrigation System**  
Castaway Cay, Bahamas

**Farm Design & Layout**  
Kingston, Jamaica

**Wetlands Based Water Reclamation**  
West Palm Beach, Florida

**Sub-Basin Stormwater Treatment**  
Orlando, Florida

**Beef Cattle Ranch Water Supply System**  
Cap-Haitien, Haiti

**Oil Spill Recovery - Various Crudes**  
Miranda, Venezuela

**API Crude Quality Enhancement Tests**  
Zulia, Venezuela

# ***Bringing Innovative Solutions to Engineering Challenges***



## **Royal Consulting Services, Inc.**

**Agricultural Engineering**  
**Water Resources Engineering**  
**Environmental Engineering**  
**Environmental Services**

## Agricultural Engineering

- Farm Design & Layout
- Water Conservation & Energy Audits
- Stormwater Management Systems
- Animal Waste Management Systems
- Nutrient Removal & Treatment Systems
- Conservation Plans
- Irrigation System Design & Evaluation
- Renovation & Retrofit Plans

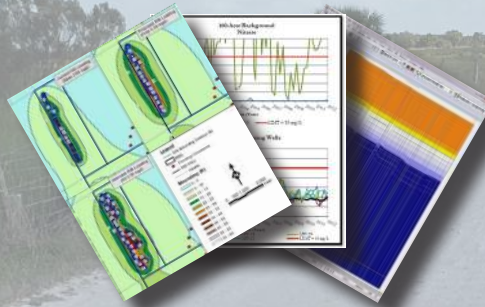


## Environmental Services

- Soil, Water, & Tissue Sampling
- Environmental Mapping in GIS
- Erosion & Sedimentation Control
- Indoor Air Quality (Mold) Inspection & Assessments
- Monitoring & Compliance Plans
- Field Reconnaissance
- Vulnerability Assessments
- Climate Resiliency

## Environmental Engineering

- Surface Water & Groundwater Remediation
- Effluent Disposal, Reuse, & Storage Systems
- Wetland Creation, Treatment, & Restoration
- Chemical & Physical Treatment Systems
- Pumping & Injection Control Systems
- Saltwater Intrusion Management



## Contact Information

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## Water Resources Engineering

- Water Supply Planning
- Water Quality Projects
- Hydrologic & Hydraulic Modeling
- Watershed Management
- Drainage Design & Water Control Structures
- Wastewater Effluent Disposal & Design
- Integrated Surface Water & Groundwater Modeling
- Water Quality Modeling & Monitoring
  - Density Dependent Modeling - Saltwater Intrusion
  - TMDL, Pollutant Load, & Contaminant Transport Modeling



## *The Benefits of Working with RCS*

- Knowledge and experience from both Engineers & Contractors
- Experience in every stage of a project: conceptualization, design, permitting, construction, monitoring, & reporting
- Providing cost-effective solutions (value engineering)
- Sustainable systems (green technology)
- A clear understanding of environmental issues that face a wide variety of industries