



HSW AREAS OF EXPERTISE:

- Civil & land development
- Compliance audits
- Computer modeling
- Construction management
- Database development & management
- Environmental sampling & monitoring
- Expert witness services
- Litigation support
- Operation & maintenance
- Permitting
(RCRA, HSWA, CERCLA, NEPA, SARA, TSCA, SDWA, NPDES, CAA, and CWA)
- Pollution prevention technology
- Public presentation expertise
- Regulatory compliance
- Remediation system design
- Site assessments, Phase I & II
- Storage tank management
- Transactional audits
- Water resource evaluation & development
- Wetland delineations

HSW is an integrated earth science and engineering firm providing proactive, innovative, and cost-effective solutions for Environmental, Water Resources and Civil/Land Development projects with a strong Quality Assurance component.

HSW has distinguished itself as a leader in the environmental industry by adhering to the philosophy of strategic long-range management of environmental concerns. This successful philosophy revolves around a project organizational structure that maintains strict Quality Assurance, effective communication, and senior leadership.

HSW has successfully applied innovative strategies to technical and regulatory issues nationwide, resulting in substantial cost and time savings. This approach assures our clients of the best possible service and value and is a key reason why more than 90% of our work comes from previous clients. This successful approach has also been integrated into all aspects of our firm, including our Water Resources, Civil/Land Development Practices, and other sectors.

LOCATIONS

Main Office: Tampa

3820 Northdale Blvd., Suite 210B
Tampa, FL 33624
(813) 968-7722 (phone)
(813) 962-2406 (fax)

Orlando

605 East Robinson St., Suite 308
Orlando, FL 32801
(407) 872-6893

Gainesville

8000 NE 51st Street
Gainesville, FL 32609
(352) 371-7841

Sarasota

4411 Bee Ridge Road, Box #305
Sarasota, FL 34233
(941) 378-3074

HSWENG.COM

Engineering and Scientific solutions within your reach...



ENVIRONMENTAL
WATER RESOURCES
CIVIL / LAND DEVELOPMENT
RANGE DESIGN
QA / QC

HSW PROVIDES THE FOUNDATION FOR ACCOUNTIBILITY, QUALITY, EFFICIENCY AND EFFECTIVENESS...

HSW is a science and engineering organization focused on providing proactive, innovative and cost-effective solutions to water, soil and air-quality projects.

STAFF OF PROFESSIONALS

Engineers (Civil, Chemical, Geologic,
Mechanical and Environmental)
Geologists
Hydrogeologists
Hydrologists
Chemists
Toxicologists
Ecologists
Construction Managers
Computer Modeling Experts
Database Managers
Environmental Technicians
CADD / GIS Specialists



PROJECT MANAGEMENT APPROACH

HSW's mission is to provide the highest level of service to its clients. The foundation of this philosophy rests on the following principles:

**Accountability ~ Quality ~ Efficiency
Effectiveness**



ENVIRONMENTAL

HSW has 20 years of experience performing:

- Pre-acquisition Site Assessments (Phase I, Phase II, and III ESAs)
- Site Characterization (groundwater, soil, sediment, and surface water contamination)
- Design, Construction, and Maintenance of Remediation Systems
- Design and Implementation of Groundwater and Surface Water Monitoring Programs
- Preparation of Permit Applications
- Performance of Statistical Trend Analyses of Water-quality and Water-level Data Sets
- Hydrogeologic and Fate & Transport Modeling
- Title V and Non-Title V Air Emission Permitting
- Wetlands Delineation and Mitigation Programs
- Expert Testimony

QA / QC

Training

- FDEP/EPA SOP Compliance for Field Activities
- Field Testing
- Quality Control
- Instrument Calibration / Verifications
- Documentation
- NELAP Compliance for Laboratories
- Automated Data Review (ADaPT® & ADR®)

Auditing

- Laboratory Audits
- Field Audits (EPA/FDEP Compliance)
- Pre-audit Readiness Assessments (Field & Laboratory)

WATER RESOURCES

HSW has extensive experience in the planning, management and development of water supply needs/sources; water treatment and water conservation programs including:

- Environmental Remediation Evaluation, Design & Optimization
- Environmental Forensics
- Safe Aquifer Yield Determination
- Establishment of Minimum Flows and Levels
- Water Distribution System Design and Optimization
- Watershed Modeling and Flood Area Delineation
- Storm Water Conveyance
- Nutrient & Sediment Transport
- Estuarine Systems

DATA QUALITY ASSURANCE

- Third-party Data Validation
- Automated Data Review (ADaPT® and ADR®)
- Data Assessment / Validation Reports
- USACE-compliant Quality Control Summary Reports
- Project Libraries (ADaPT® & ADR®)
- Automated Data Reduction / Reporting (SoTo®)
- Quality Manuals
- Standard Operating Procedures
- EPA-compliant Quality Assurance Project Plans
- Project Data Quality Objectives
- Sampling & Analysis Plans
- Design & Maintenance of Project Databases
- Management of Electronic Data Deliverables

CIVIL / LAND DEVELOPMENT

HSW's growing land development practice complements the primary areas of expertise of the firm. Services include:

- Site Development and Design
- Utilities Master Planning
- Surface/stormwater Management, Permitting and Design
- Stormwater and Hydraulic Modeling
- Roadway Design
- Wetlands Delineations and Assessment
- Wildlife Surveys and Mitigation
- Environmental Resource Permitting

RANGE DESIGN

HSW is one of the prime contractors to provide full-discipline A/E support services in the Range and Training Land Program (RTLTP) for The U.S. Army Engineering and Support Center, Huntsville District.

- Range and Training Land Program (RTLTP) Planning
- DD 1391/DD 3086 Data Submission Packages
- Civil/Site Grading, Drainage, and Range Access/Downrange Trails
- Range Operations Support Buildings
- Power and Fiber Optic Design
- Surface Danger Zone Analysis
- Line of Sight Evaluation
- Surveying and Geotechnical Investigations
- Innovative Technology Application Analysis
- Sustainable Design Applications
- NEPA Documentation and Investigations
- Cost Estimates (M-CASES and M II)
- Engineering Services During Construction

WHO BENEFITS FROM OUR SERVICES?

HSW is proud to have maintained long-term and positive relationships with the clients that we serve. One reason is that our clients trust that HSW will resolve their environmental issues with the highest level of efficiency, integrity and cost-effectiveness.

OUR CLIENTS INCLUDE:

- Aerospace Companies
- Petroleum Refiners and Retailers
- Environmental Agencies/Consultants
- Attorneys
- Manufacturing Facilities
- Transportation Companies
- All levels of Government Agencies
- Government Contractors
- Insurance Agencies



WHY CHOOSE HSW TO BE YOUR PARTNER?

HSW has distinguished itself as a leader in the environmental industry through its philosophy of strategic management of environmental issues. Our approach is to provide our clients with solutions, plus long-range, proactive approaches to effectively manage environmental issues. HSW has successfully applied innovative strategies to technical and regulatory issues nationwide, resulting in substantial cost and time savings. HSW also prides itself on its organizational approach, assigning one of the firm's principals to oversee each project. This philosophy of strict quality assurance has proven successful in maintaining control and effective communications throughout the sometimes tedious processes involved in achieving environmental solutions.