



RESPONSIBILITIES & RESOURCES:

Water Authority - Cayman

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"Suppliers of the World's Most Popular Drink"

The Authority's role in terms of onsite wastewater management is to improve the performance of onsite wastewater treatment systems by increasing awareness of onsite wastewater management partner roles, responsibilities and resources.

Programme Element	Responsibilities	Resources
Planning/Design	<ul style="list-style-type: none"> Set out requirements for installations and upgrades: technology type, capacity of system, siting and accessibility. Coordinate with Developer/Architect/System Supplier & Planning/Building Departments from early planning stage through certificate of occupancy. Review wastewater treatment system proposals for conformance with requirements. Evaluate existing requirements, propose, discuss and implement changes for improvement. 	Water Authority Law, Regulations & Policies Guidelines for Onsite Wastewater Treatment Pre-planning meetings with Developers/Architects/Owners Timely, written notification of site specific requirements Documentation of installation / operational problems in the field to develop and propose improvements
Installation	<ul style="list-style-type: none"> Coordinate with Developer/ Supplier/ Installer & Planning/Building Departments to monitor installation at critical stages: <ol style="list-style-type: none"> Effluent disposal well installation (shall be completed before installation of the treatment system). Excavation to accommodate treatment tank(s). Placement / construction of treatment tanks. Before piping to and from the system is covered. Before tank cover slab is placed (this applies to systems installed in site-built or precast concrete tanks). 	Site visits to monitor works in progress Notification of affected Onsite Management Partner(s)/Agency when problems are identified
Operation and Maintenance	<ul style="list-style-type: none"> Establish requirements for Service Provider Registration. Maintain Register of Service Providers and make available to System Owners. Provide Service Providers & System Owners with information regarding proper operation and maintenance. Monitor operation and maintenance through review of Standard Service Reports, periodic effluent sampling and site inspections. 	Professional, Industry and Regulatory Organizations OWMP online database Owner's Manuals Standard Service Report Technical Guides Best Management Guides Water Authority's Accredited Laboratory Water Authority sampling technicians
Recordkeeping, Inventory and Reporting	<ul style="list-style-type: none"> Maintain updates to OWMP on-line database for all Aerobic Treatment Units (ATUs) to include property and system details, photos, specifications, effluent test results, etc. Coordinate with Service Providers and OWMP online database administrator to optimize utility of the database. 	OWMP online database Manufacturer's literature Technical & Best Management Guides Professional, Industry and Regulatory Resources
Public Education and Participation	<ul style="list-style-type: none"> Inform all management partners of their roles and responsibilities. Manage and make available information on system installation, service and performance history. Inform Developers & Owners regarding requirements, options and selection criteria. Inform Suppliers & Installers regarding approval, installation and inspection requirements. Inform Developers & Owners regarding purpose, use and care of treatment system. Inform Service Providers & Owners regarding requirements for Registration of Service Providers. Facilitate training and certification for Service Providers. 	Wastewater Basics OWMP online database Qualified, dedicated staff Professional, Industry and Regulatory Organizations Performance Assessment of Onsite Wastewater Treatment Systems in the Cayman Islands (2009) Onsite Wastewater: Here to Stay; How to Manage? (2003)