

Institutional, policy, legislative and regulatory framework for Integrated Water and Wastewater Management (IWWM)

List of Relevant Policy and Legislation

Name	Description	Year	Reference
Marine Pollution Control Act (MPA) Cap 392A	Establishes discharge standards for marine environment	1998	Regional guideline ¹
Draft Marine Pollution Control (discharge) Regulations	Sets standards for effluent discharges into the marine environment	2010	CEP Tec 66
Coastal Zone Management Act Cap.391	Establishes Coastal Zone Management Unit to be responsible for protection of the marine environment	1998	Regional guideline
Town and Country Planning Act, Cap. 240	Regulates developing planning process which includes wastewater infrastructure	1985	Regional guideline
Planning and Development Act	Facilitate land development in Barbados, taking account of all relevant social, economic and environmental factors, so as to ensure that sustainable use is made of public and private land in the interests of present and future generations.	2018	GoB
Tourism Development Act, Cap. 341	Grants rebates for wastewater treatment	2002	Regional guideline
Prevention of Floods and Highways Act CAP 235	Provides for the management of water courses, flood prevention works and the designation of special flood areas, targeting the maintenance of drainage structures and the clearing of watercourses to prevent flooding.	1998	GoB
Highways Act Cap 289	Governs highways and applies to all highways maintained by the Chief Technical Officer of the Ministry of Public Works. The definition of highways includes watercourse, sewer, embankment, tunnel, drain, gutter or wharf.	1998	GoB
The Town and Country Planning Development Order, 1972;		1972	Barbados National Assessment Report, 2010

¹ Regional guideline

Name	Description	Year	Reference
Income Tax Act	Grants rebates for wastewater treatment. Provides incentives for farmers to adopt sustainable farming practices	2009	Regional guideline
Utilities Regulation Act	This Act provides for the regulation of utility services. However, at present it does not apply to the provision of water services. Recent developments have brought General Standards of Service under the ambit of the Fair Trading Commission.	2001	CEHI (2008)
National Groundwater Zoning policy	The policy establishes a zone rule for private sewage and industrial discharges to soak-aways. It has been extended several times to take account of special circumstances. A draft revision of the Zones was approved by Cabinet. The new zones have been incorporated into the National Physical Development Plan, published 2018	1963	CEP TEC Rep 66 ²
The Health Services Act	Makes the Minister "responsible for the promotion and preservation of the health of the inhabitants of Barbados". The Minister has the power to construct sewers.	1969 Amended 2015	Regional guideline
Disposal of Offensive Matter	Generally used by the EPD to regulate private and public wastewater treatment	1969	CEP TEC Rep 66
Nuisance Regulation	Generally used by the EPD to regulate private and public wastewater treatment	1969	CEP TEC Rep 66
Barbados Water Authority Act	Establishes the Barbados Water Authority. A Comprehensive Review of Groundwater Protection Zoning Policy and System consultancy in 2010 recommended the introduction of a Groundwater Protection Act which would modify BWA's responsibilities for the management of water resources	1980	FAO (2016) ³
Underground Water Control Act	Provides for the control and use of the underground sources of water supply	1953	FAO (2016)

² CEP TEC Rep 66

³ FAO. 2016. AQUASTAT website. Food and Agriculture Organization of the United Nations (FAO). Website accessed on 23 November 2018.

Name	Description	Year	Reference
Irrigation Act	Allows the Chief Agricultural Officer to order to carry out surveys, investigation or research for irrigation purposes, to distribute water and to control or operate waterworks.	1967	FAO (2016)
Prevention of Floods Act	Makes provision for measures for the prevention of floods.	1951	FAO (2016)
Soil Conservation (Scotland District) Act	The Act grants powers to the Chief Agricultural Officer to carry out water and soil conservation works and other powers.	1959	CEHI (2008)
National Strategic Plan 2005-2025	Promote and facilitate the environmentally sustainable use of natural resources and to maintain a safe and reliable water supply.	2007	CEHI (2008)
National Water Conservation Plan	Comprises two parts: long-term ongoing measures such as leakage reduction and universal metering and short-term measures such as temporary shutdown of parts of the system on a rotational basis or temporary license restrictions on private abstractions.	2000	FAO (2016)
Groundwater Zoning Policy	Implemented through the Town and Country Planning Office in collaboration with the BWA and EPD, it controls development in areas of groundwater abstraction as a way of protecting groundwater resources <i>Currently undergoing revision by Cabinet</i>	1963 Amended in 1973	FAO (2016)
Integrated Coastal Zone Management Plan	Involves the comprehensive assessment, setting of objectives, planning and management of coastal systems and resources, taking into account traditional, cultural, historical perspectives, cumulative impacts, and conflicting interests and uses	2000	Government of Barbados (2018) ⁴
Sewerage Regulations (S.I. No. 151)	The Regulations provide for rules concerning the discharge of water through the public sewer system by domestic premises and industries.	1980	CEHI (2008)
Water Services Regulations (S.I. No. 150)	The Regulations concern the regular supply of water to	1982	CEHI (2008)

⁴ <http://www.coastal.gov.bb/content/integrated-coastal-zone-management-plan>

Name	Description	Year	Reference
	customers by the Water Authority of Barbados.		
The Factories Act	Addresses a number of environmental considerations including the disposal of wastes and effluents, ventilation, noise, removal of gas, dust or fumes, and special protective equipment.	1984	AMEC (2006) ⁵
Draft Water Reuse Act	The Act, once finalized, will be incorporated into the draft Environmental Management Act. Modifications to the existing water zoning system are expected to mitigate against unsustainable land use practices and sources of water pollution.	2006	Environment Planning Group (2014) ⁶
Draft Environmental Management Act	A comprehensive piece of legislation designed to cover most aspects of environmental management ⁷	1998	Government of Barbados, UNDP & GEF (2008) ⁸
Cabinet Papers	See above text		

⁵ <https://www.blpc.com.bb/images/pdf/environmentment/ReviewPolicies.pdf>

⁶ Environment Planning Group (2014) BARBADOS TOURISM MASTER PLAN 2014 – 2023. REPORT II: THE ENVIRONMENT

⁷ Government of Barbados (2012) Environmental Management Act On The Way. Available at: <https://gisbarbados.gov.bb/blog/environmental-management-act-on-the-way/>. Accessed on 26 November 2018

⁸ GOB, UNDP GEF (2008). Capacity Building in and Mainstreaming of Sustainable Land Management in Barbados