

4.3 Complexity of Environmental Administration

There are major gaps among environmental and environment related laws, decrees, and regulations as numerous institutions have, traditionally, hold jurisdiction over various aspects of environment and accordingly established and issued the mandates in their perspective area. Figure 4.3 shows the institutional framework for environmental management and existing environment related laws/regulation were showed in Table 4.1.

Table 4.1: Major Environment Related Laws and Regulations

Laws/Regulations	Description	Authority
General		
Law 4/1994	Environmental protection law. It addresses coastal and marine pollution and air pollution; hazardous waste and environmental disaster issues.	EEAA
PMD 338/1995	Executive Regulation of law 4/1994	EEAA
MD 56/2000	Mandates of the RBOs	EEAA
EEAA CEO decree 17/2001	Mandates of the RBOs	EEAA
Water pollution		
Law 93/1962	Regulates the discharge of wastewater into public sewer networks	Ministry of Housing and Public Utilities, The Local Authorities
Law 38/1967	General cleaning and sanitation	Local governments
Law 27/ 1978	Regulates public water resources for drinking and domestic use	MoHP
Law 57/1978	Sets measures for treating ponds and marshes	Ministry of Housing and Public Utilities, Ministry of Local Development
Law 48/1982	Regulates the discharge of wastewater into the River Nile and other waterways	MoHP/ MWRI
Law 12/1984	Regulates irrigation, water distribution, groundwater management in the Nile Valley and Delta, and the establishment and maintenance of drainage canals	MWRI
Law 231/ 1984	Amends articles in Law 213/1984	MWRI
Law 874/1996	Prohibits the use, import, handling and preparation of potential carcinogenic pesticides	MALR
MD 63/1997	Prohibits the reuse of empty pesticide containers for packaging, transport or manufacture of any foodstuffs or toys	MALR
MD 44/2000	Regulates the discharge of wastewater into public sewers	Ministry of Housing and Public Utilities, the Local Authorities
Sea Water Protection		
Law 280/1960	Regulates activities within the ports and the regional waters	Ministry of Defense
Law 79/1961	Determines measures to be taken in case of marine disasters	The Port and Lighthouse Administration, Ministry of Defense

Laws/Regulations	Description	Authority
PD 1948/1965	Establishes a permanent committee for protecting the sea from oil pollution	Located in the Ministry of Defense
PD 45/1983	Signs the Protocol for the protection the Mediterranean from land based pollution sources	EEAA Port Authorities
Minister of Transport Decree 5/1991	Prohibits disposal of waste in the regional water, the Egyptian ports and waterways	All Port Authorities
Law 4/1994 PD 421/ 1963	Protect sea water from oil pollution, ratification of the Convention for the Protection of Pollution of the Sea by Oil, London	EEAA, The Port and Lighthouse Administration
MD 64/1996	Sets the water specifications of bathing coasts	MoHP
Air pollution		
Law 59/1960	Controls the use of ionizing radiations	Ministry of Health and Population, the office of Protection against Ionizing Radiations
Law 66/1973	Controls air pollution caused by vehicles	Ministry of Interior and its departments
Law 380/1975	Identifies requirements for the establishment of industrial and commercial facilities	Ministry of Housing and Public Utilities, Ministry of Industry and Technological Development, MoHP
Law 55/1977	Regulates the establishment and operation of boilers and thermal stations	Ministry of Industry and Technological Development, Ministry of Military Production, Ministry of Petroleum, Ministry Electricity and Energy
Law 3/1982	Regulates urban planning and land use	Ministry of Housing and Public Utilities and its departments
Law 4/1994/ Law 52/1981	Regulate smoking in public places	MoHP, EEAA
Solid Waste management		
Law 38/1967	Regulates the collection and disposal of solid wastes	Ministry of Local Development and its departments, Department of Civil Defense
MD 134/1968	Implements Law 38/1967, and provides the specifications for dumping sites.	Ministry of Local Development
PD 284/1983	Establishes the Cairo and Giza Beautification and Cleaning Authorities. Their mandates include the collection and disposal of garbage and solid waste	Ministry of Housing and Public Utilities
Hazardous waste management		
Law 48/1967	Requires employers to inform their employees that they are dealing with hazardous waste	Ministry of Manpower
Law 137/1981	Requirements for labour safety and health in workplaces	Ministry of Manpower

Laws/Regulations	Description	Authority
Law 4/1994	Handling and management of hazardous waste	EEAA, Ministries of Industry and Technological Development, Health and Population, Agriculture and Land Reclamation, Electricity and Energy, Interior and Petroleum
Law 24/1983	Prohibition of using fertilizer and pesticide	Ministry of Agriculture
Noise		
Law 4/1994	Regulations of the use of loud speaker	Ministry of Interior
Nature Protection		
Law 53/1966	Article 117 of the Law prohibits the hunting of specific types of birds and terrestrial animals	MALR
MD 472/1982	Prohibits the hunting of all kinds of birds in the areas of el Zaranek, Sebkha, Bardawil, Saint Catherine and the Tiran inland; prohibits bird hunting, fishing and the removal of coral reefs in area located on the Gulf of Aqaba between Taba and Ras Mohamed	MALR
Law 102/1983	Controls natural protected areas	EEAA
PMD 1068/1983 and 2035/1996	Establish the natural reserves in Ras Mohamed and the inlands of Tiran and Sanafir	EEAA, Governorate of South Sinai
MD 1058/1984	Prohibits the hunting of Nile crocodiles	MALR
PMD 1429/1985 and 2035/1996	Establish natural reserves in Zaranik and Ahrash, North Sinai	EEAA, Governorate of North Sinai
PMD 450/1986 and 642/1995	Establish natural reserves in Elba along the Red Sea	EEAA, Governorate of Red Sea
PMD 671/1986 and 3276/1996	Establish natural reserves in El Omayed, Matrouh	EEAA, Governorate of Matrouh
PMD 828/1986	Establishes natural reserves in Saluge and Ghazal, Aswan	EEAA, Governorate of Aswan
PMD 316/1988	Establishes natural reserves in Taba, South Sinai	EEAA, Governorate of South Sinai
PMD 459/1988 and 2780/1988	Establish Natural Reserves in Ashtum el Gamil, Port Said.	EEAA, Governorate of Port Said
PMD 613/1988 and 940/1996	Establish natural reserves in St. Catherine, South Sinai	EEAA, Governorate of South Sinai
PMD 942/1989 and 710/1997	Establish natural reserves in Wadi El Assiuti	EEAA, Governorate of Assiut
PMD 943/1989 and 2954/1997	Establish natural reserves in Wadi El Rayan and Lake Qarun	EEAA, Governorate of Fayoum
PMD 944/1989	Establishes natural reserves in the Petrified Forest, Maadi	EEAA, Governorate of Cairo
PMD 945/1989 and 2378/1996	Establish natural reserves in Wadi El Alaqi, Aswan	EEAA, Governorate of Aswan
PMD 946/1989	Establishes natural reserves in El Hassan Dome, Giza	EEAA, Governorate of Giza
MD 1403/1990	Prohibits the hunting of reptiles	Ministry of Agriculture
PMD 1204/1992 and 709/1997	Establish natural reserves in Sannur, Beni Suef	EEAA, Governorate of Beni Suef
PMD 1511/1992 and 33/1996	Establish natural reserves in Nabaq and Abou Galum, South Sinai	EEAA, Governorate of South Sinai

Laws/Regulations	Description	Authority
PMD 264/1994	Specifies requirements and conditions that organize the activities in natural reserves	EEAA
PMD 1444/1998	Establishes natural reserves in Lake Burullus, Kafr El Sheikh	EEAA, Governorate of Kafr El Sheikh
PMD 1969/1998	Establishes natural reserves in the Nile Islands	EEAA, all governorates on the Nile
PMD 47/1999 and 3057/1999	Establish natural reserves in Wadi Digla, Cairo	EEAA, Governorate of Cairo
Desertification and land usage/conservation		
Law 53/1966	Protects agricultural lands	MALR
Law 124 /1981	Regulates the usage and management of desert land owned by the government of Egypt.	Ministry of Housing and Public Utilities
Law 116/1983	Prohibits the fallowing of agricultural land, or its use in building and construction	MALR
PMD 2906/1995	Addresses the requirements regulating the management and usage of land allocated to the General Organization for Urbanization and Agricultural Development Projects	MALR
Law 59/1979 Law 3/1982	Urban planning and land use	Ministry of Public Works and Water Resources, Ministry of Health
Law 453/1954 Law 731/1956	Specification for licensing and building industrial and commercial shops	Ministry of Housing and Local Authorities
Natural Resources		
Law 66/1953	Regulates the management of fuels, mines and quarries	Ministry of Industry and Technological Development Ministry of Petroleum
Law 68/1956	Sets guidelines for the activities of mines and quarries	Ministry of Industry and Technological Development
Law 46/1958	Regulates the work in mines and quarries	Ministry of Industry and Technological Development
Law 123/1983	Regulates the management of cooperatives of water resources	MALR
Law 124/1983	Regulates the management of fishing activities and aquacultures.	MALR

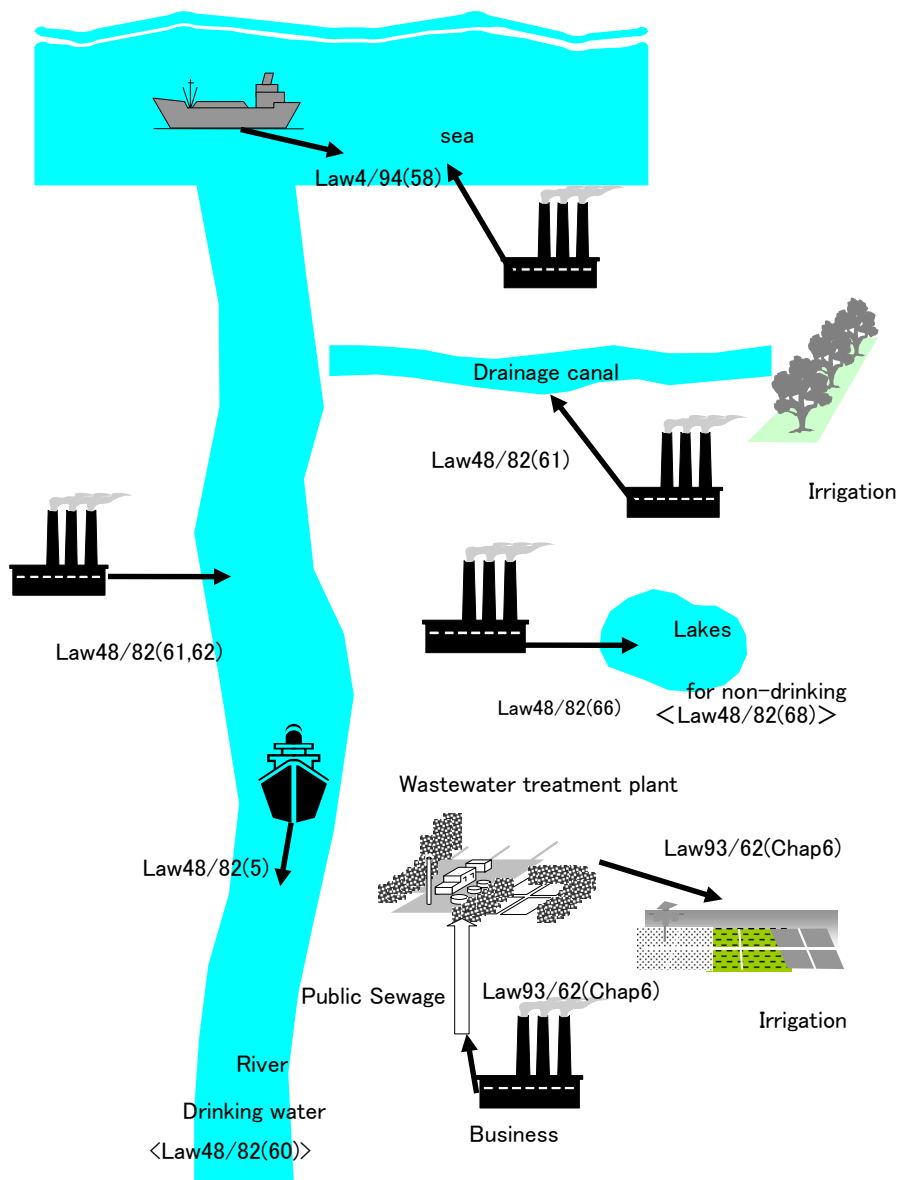
Source: Data from JICA, "Country Profile on Environment Egypt" Feb. 2002, and EcoConServ, 'A Consultant Report on the Country Environmental Analysis', Dec. 2003

Since there has already regulations on marine water quality/management, the law 4/1994 and its executive regulations only provide protection of marine water from marine vessels and stationary sources located in coastal area. There are effluent standards for marine water but no environmental standards. On the other hand, the Law 4/1994 is the only regulation on air quality management and also providing standards. Unification of environmental administration is not likely an easy task but may be the direction that Egyptian government should be heading to in the future.

Table 4.2: Institutions and Responsibilities for Water Quality Management

Institution	Responsibilities
Ministry of Water Resources and Irrigation (MWRI)	<ul style="list-style-type: none"> ● Formulating the national water policy to face the problem of water scarcity and water quality deterioration. ● Issue licenses for domestic and industrial discharges. ● Monitoring the ambient water quality in the Nile, the irrigation and drainage canals and groundwater. ● Setting surface water standards in coordination with MOHP and other ministries for: <ul style="list-style-type: none"> ▪ Point sources ▪ Ambient concentrations ▪ Drainage water reuse (mixing with canals) ● Law enforcement upon notification from MOHP ● Covering open irrigation and drainage waterways passing through residential area ● Implementing relevant Awareness Campaigns ● Coordinate with the national institutes to address water quality deterioration. These include MoHUNC, MoHP, MOPSE.
Ministry of Housing, Utilities and New Communities (MoHUNC)	<ul style="list-style-type: none"> ● Planning design and construction of municipal drinking water purification plants, distribution systems, sewage collection systems and municipal wastewater treatment plants.
Ministry of Health and Population (MoHP)	<ul style="list-style-type: none"> ● Monitoring compliance to the licenses through the analyses of discharges ● Setting drinking water standards
Ministry of Agricultural and Land Reclamation (MALR)	Formulating policies on the use and subsidy reduction of fertilizer and pesticides
Egyptian Environmental Affairs Agency (EEAA)	<ul style="list-style-type: none"> ● Environmental inspection to establishments and notifying MWRI on violation to law 48/1982 ● Reviewing EIAs
Ministry of Public Sector Enterprises	<ul style="list-style-type: none"> ● Following up on pollution abatement projects in publicly owned industries

Source: EcoConServ, 'A Consultant Report on the Country Environmental Analysis', Dec. 2003



Legends:

Law*/*(*) ; effluent standard (*) means a number of an enforcement regulation
 <Law*/*>(*) ; environmental standard (*) means a number of an enforcement
 standard

Figure 4.4: Application of Environmental Water Quality Standards and Effluent Standards in Egypt