





Category & type of system		Sewerage system Centralized System	Rural sewerage system Centralized system (small-scale)	Johkasou system Decentralized system
Purpose		-Treat industrial, miscellaneous domestic WWT & stormwater -Prevent inundation -Maintain quality of water resources -Protect public health	-Treat miscellaneous domestic WWT & stormwater -Prevent inundation -Maintain quality of water resources -Protect public health	-Treat domestic & miscellaneous WWT -Maintain quality of water resources -Protect public health
Suitable areas		Mainly urban, peri-urban areas	Agricultural villages within selected areas where agriculture is promoted	Peri-urban, rural areas where sewerage system is not planned
Administrator for installation, O&M		Municipalities	Municipalities and selected areas where agriculture is promoted	Individuals, communities and municipalities
Applicable population		10,000 people or more	Up to 1,000 people	<u>Small-scale</u> = 5 to 50 people (less than 10 m ³ /day) <u>Medium-scale</u> = 51 to 500 people (less than 100 m ³ /day) <u>Large-scale</u> = more than 500 peop (more than 100 m ³ /day)
Life	Legal	Treatment plants: 23 years Piping system: 50 years	-	7 years
cycle	Past results	Treatment plant: 15-70 years Piping system: 50-120 years	-	Main body: over 30 years Equipment: 7-15 years
Construction period		Approx. 5 years	3-5 years	Approx. 1 week to 1 year
Served population (as of 2009)		93.6 million (73.7%)	3.79 million (3.0%)	11.24 million (8.8%)





































