

Ref. No:	Project title		FEASIBILITY STUDY FOR THE DISPOSAL OF RECYCLED WATER & PIPELINE SYSTEM FROM THE BROADER AREA OF LIMASSOL CONTRACT NO 57/2009					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partner(s) [if any]
	Cyprus	33.730,00	33,3	3	Water Development Department , Republic of Cyprus	Republic of Cyprus	Nov 2009 - Aug 2011	Panicos Nicolaidis and Associates, HPC Paseco LTD
Detailed description of project						Type of services provided		
The contract evaluates the technical, economic and environmental perspective (operational and financial sustainability with minimal environmental impact) of alternatives to the use of recycled water from sewerage systems in the broader area of Limassol (sewage treatment plants Moni, Ipsonas and Episkopi). The objective of this study was to determine the best way to manage recycled water Limassol, in order to contribute to water balance and consistent with the Government's water policy. The specific objectives of the study included the resolution of problems that occur during the winter storage of recycled water which comes from the treatment plant of the Sewerage Board of Limassol-Amathus (SALA), and terminating the discharge of recycled water in the sea. The study processed available data and produced estimates via modelling (hydraulic calculations, estimation of the cost of construction and operation) and multi-criteria evaluation of four possible scenarios for the use of recycled water: (1) The aquifer Garryli through deep boreholes, (2) The Akrotiri aquifer through boreholes, deep wells and \ recharge reservoirs; (3) The Polemidia dam, (4) Investigate any other alternative scenarios for the supply of recycled water that is considered feasible as enrichment of Akrotiri aquifer through recharge ponds (17 of which are already constructed in the bed of the river Kouris) or direct irrigation with recycled water existing irrigated areas and new proposed for recycled water irrigation areas east of Limassol.						 • Environmental impact assessment • River Basin Management Project • Integrated rehabilitation of the sewerage – drainage and pumping stations stations • Hydraulic level constructive solutions		