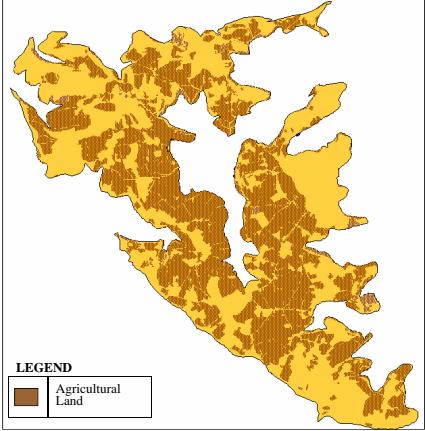

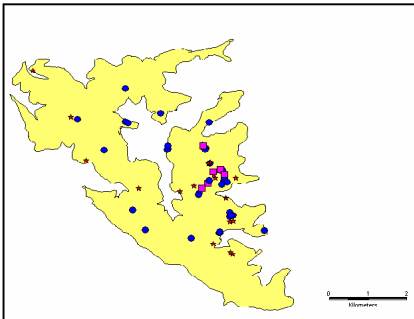



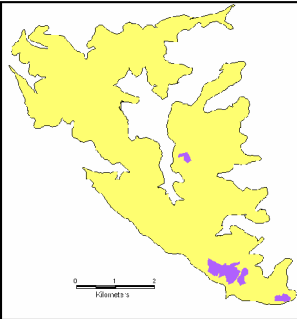
 MALTA RESOURCES AUTHORITY		 LEGEND  Agricultural Land		
Groundwater Body Code				
MT002				
Groundwater Body Name				
Rabat-Dingli Perched Groundwater Body				
Reference Year				
2004		Agricultural Land		
Diffuse Sources				
Total Utilized Agricultural land area (ha)*		1,431		
Arable Land	Land under vineyards	Land under Orchards	Fallow land	
916	102	109	304	
Potential Pesticide Loading (tonnes)**		36 tonnes		
Total Potential Nitrogen Loading (assuming long-term limits of Nitrate Directive)		243,500 kg N		
Sewer index (% of total domestic sewage generated within catchment area)		4.5 %		
Point Sources				
Animal Husbandry				
Animal Type	Pigs	Dairy Cow	Poultry (Broilers)	Poultry (Layers)
Total Number of Farms	20	7	20	10
Animal Population	5,200	1,500	201,000	71,600
Total kg N generated***	92,300	152,300	73,000	39,000
 LEGEND  Dairy cow Farms  Pig Farms  Poultry Farms		 Location of Quarries in the Rabat-Dingli Perched Aquifer		
Other Point sources				
Petrol Stations / Fuel Storage Facilities		3 petrol stations		
Contaminated Land		None		
IPPC Sites		None		
Waste management		None		
Industrial Activity		None		
Length of main sewer network		3 km		
Quarries		7 quarries		

* based on NSO Census of Agriculture, 2001

** assuming uniform usage on all agricultural land and based on pesticide importation data

*** http://ohioline.osu.edu/b604/b604_2.html