



MAL027 - Ta' Qali 1

Description

Ta' Qali is an elevated artificially constructed reservoir, intended for irrigation and water storage, located in central Malta within the Ta' Qali National Park. The reservoir is constructed out of cement, while the borders have been constructed from limestone and covers an approximate area of 1,500m². The site lies adjacent to an active surfaced road, however, it is locked and gated behind a fence on private property. The southern side of the reservoir is surrounded by agricultural land (mainly vineyards), whilst the northern side is occupied by abandoned buildings. There was no vegetation present within the reservoir and basin. There is no data present regarding wildlife. The reservoir receives water from the Chadwick Lakes system. The site falls within the Ta' Qali Recreation Area and the Ta' Qali Action Plan Area.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Concrete reservoir
Area (Ha):	0.20
Hydrological interaction with other wetland:	No -
Water salinity:	Fresh (< 0.5 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Outflow controlled by pipeline
Open water area (%):	> 95
Hydroperiod:	Permanent

Geographic information

Census district:	Western
Island:	Malta
Local council:	H'Attard
Coordinates (WGS84):	14.419780 E - 35.901030 N

Biological significance

Biological significance:	Low
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Ramsar wetland types

Ramsar type	Coverage (%)
6 -- Water storage areas; reservoirs/barrages/dams/impoundments (generally over 8 ha)	

Property status

Private

Protection statuses & other designations

Ecosystem Services, Activities & Impacts

Ecosystem Services

Type of Ecosystem service	Ecosystem service	Scale of Benefit	Importance
Provisioning services	Food		
Provisioning services	Fresh water		
Supporting services	Provision of habitat		

Activities on wetland

Activities	Intensity
020 = Resource conservation	High
110 = Use of pesticides	Medium
120 = Fertilisation	Medium
130 = Irrigation	Medium
701 = water pollution	Medium

Activities on drainage basin

Activities	Intensity
100 = Cultivation	Medium
110 = Use of pesticides	Medium
120 = Fertilisation	Medium
130 = Irrigation	Medium
402 = discontinuous urbanisation	Medium
430 = Agricultural structures	Low
502 = roads motorways	High
701 = water pollution	Medium

Impacts

Impact type	Intensity
EE- = Increase of economic potential	
ES- = Increase in water supply	
PF- = Fertilizer/Excess nutrient pollution	
PP- = Pesticide pollution	

Habitats & Vegetation

Species

References

Representative Image & Map

