



MAL056 - Ta' Ciantar

Description

Ta' Ciantar is an artificially constructed reservoir, intended for irrigation and water storage, located in southern Malta within Haż-Żabbar. The reservoir is made of limestone blocks and covers an approximate area of 1,050m². The site is not accessible to the public as it can only be accessed through privately-owned agricultural land. The reservoir is predominantly surrounded by agricultural land, thus it is likely that the reservoir is being used for irrigation. Culverts were present throughout agricultural fields, possibly indicating that the reservoir is filled with water runoff from another location. The site is not protected by any legislation.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Concrete reservoir
Area (Ha):	0.10
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:	Southern Harbour
Island:	Malta
Local council:	Haz-Zabbar
Coordinates (WGS84):	14.539360 E - 35.867340 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		

Activities on wetland

Activities	Intensity
020 = Resource conservation	High
130 = Irrigation	High
701 = water pollution	High

Activities on drainage basin

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
401 = continuous urbanisation	High
701 = water pollution	High

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

