MAL028 - Ta' Qali 2

Description

Ta’ Qali is an artificially constructed reservoir, intended for irrigation and water storage, located in central Malta within Ta’ Qali. The reservoir is constructed from cement and limestone and covers an approximate area of 3,200m2. The site is accessible from two surfaced roads, however the borders of the reservoir are completely fenced off . A recreational dog park is located on the western side of the reservoir whilst an active roadway is located to the east. Since the northern and southern sides of the reservoirs are agricultural land, the reservoir is likely to be used for the irrigation of these fields. No vegetation was present within the basin or reservoir itself. 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):	0.30
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 spillway
Open water area (%):	> 95
Hydroperiod:	Permanent

Geographic information

Census district:	Western
Island:	Malta
Local council:	H\'Attard
Coordinates (WGS84):	14.413660 E - 35.898660 N

Biological significance

Biological significance:	Low

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

Protection status

Protection status category	Protection status subcategory	Site name	Code	Coverage (%)	Legislation
National	Bird Sanctuary	Il-kumpless Ta' Qali	146725	100	Environment Protection Act (Act I of 2016)

CDDA protection status

CDDA code	Category
MT03	Bird Sanctuary

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
110 = Use of pesticides	Medium
120 = Fertilisation	Medium
130 = Irrigation	Medium
701 = water pollution	High

Activities on drainage basin

Activities	Intensity
100 = Cultivation	Medium
110 = Use of pesticides	Medium
120 = Fertilisation	Medium
130 = Irrigation	Medium
502 = roads motorways	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




MAL028
Ta' Qali 2
Google Earth
50 m
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