



MAL062 - Il-Minzel

Description

Il-Minzel is an artificially constructed reservoir, intended for irrigation and water storage, located in southern Malta within proximity to Iż-Żejtun. The borders of the reservoir have been constructed out of limestone blocks, and covers an area of approximately 1,050m². The site is not accessible to the public as it is located behind a privately-owned household boundary wall. Since the site is predominantly surrounded by agricultural land, it is likely that the reservoir is used for irrigation purposes. No important community habitats or vegetation were noted to be present around the reservoir. The site is located in a Strategic Open Gap.

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:	South Eastern
Island:	Malta
Local council:	Iż-Żejtun
Coordinates (WGS84):	14.533640 E - 35.861560 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	Medium
701 = water pollution	Medium
954 = invasion by a species	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	Medium
954 = invasion by a species	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

