



## MAL081 - Il-Ghadir

### Description

Il-Għadir is a reservoir, intended for irrigation and water storage, located in southern Malta within Iż-Żurrieq administrative area, close to Ħal Kirkop. The reservoir is constructed out of limestone blocks and covers an approximate area of 2,275m<sup>2</sup>. The site is accessible through a surfaced storage yard, however, it is located on privately-owned property and is not accessible to the public. The site is predominantly surrounded by agricultural land and it is likely that the reservoirs are being used for the irrigation of these fields. The site is not protected under any legislation.

### General information

#### Basic information

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

#### Geographic information

<b>Census district:</b>	South Eastern
<b>Island:</b>	Malta
<b>Local council:</b>	Iz-Zurrieq
<b>Coordinates (WGS84):</b>	14.479250 E - 35.838760 N

#### Biological significance

<b>Biological significance:</b>	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
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## 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
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

