



## MAL032 - Il-Wied tal-Imsida

### Description

Il-Wied tal-Imsida is an artificially constructed reservoir, intended for irrigation and water storage, located in central Malta within Imsida. The borders of the reservoir have been constructed out of limestone blocks, and the site covers an area of approximately 1,900m<sup>2</sup>. Access to the site is via a surfaced road. A car park is located on the north, while an active roadway lies to the east. Active agricultural fields are present towards the west and south with pipelines accessing the reservoir, indicating it is used for irrigation. *Lemna minor* L. was present within the reservoir, while *Eucalyptus camaldulensis* and *Ricinus communis* were present around the basin, all aliens and the latter are highly invasive. The site is not protected by any legislation.

### General information

#### Basic information

<b>Wetland location:</b>	Inland
<b>Wetland type:</b>	Artificial
<b>Natural / Artificial:</b>	Concrete 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>	Northern Harbour
<b>Island:</b>	Malta
<b>Local council:</b>	L-Imsida
<b>Coordinates (WGS84):</b>	14.484110 E - 35.895350 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

Public
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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
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
701 = water pollution	High
954 = invasion by a species	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
502 = roads motorways	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

### Vegetation types

Vegetation type	Coverage (%)
Floating-leaved	76 - 95
Shrubby / Arborescent	5 - 25

## Species

### Flora

Species	Dominance	Reference
Urtica sp.		

## References

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### Representative Image & Map

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