



## MAL077 - Tal-Giebja

### Description

Tal-Giebja is a reservoir, intended for water storage, located in southern Malta in Hal Kirkop. It is unclear whether the reservoir was originally mechanically excavated, however, limestone walls had been constructed around the site in order to increase water storage. The site is not accessible to the public as it is located within STMicroelectronics's premises, and covers an approximate area of 5,600m<sup>2</sup>. The reservoir is predominantly surrounded by an industrial estate and lies adjacent to an active road, with a small amount of active agricultural land to the south. It is unclear what the water is used for. A couple of *Eucalyptus camaldulensis* are growing within the basin of the reservoir. The site is earmarked as a recreational area and is located in the transitional surface for runways.

### General information

#### Basic information

<b>Wetland location:</b>	Inland
<b>Wetland type:</b>	Artificial
<b>Natural / Artificial:</b>	Concrete reservoir
<b>Area (Ha):</b>	0.60
<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>	Outflow controlled by pipeline
<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>	Hal Kirkop
<b>Coordinates (WGS84):</b>	14.484160 E - 35.846400 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	Low
701 = water pollution	Low

### Activities on drainage basin

Activities	Intensity
100 = Cultivation	Low
110 = Use of pesticides	Low
120 = Fertilisation	Low
130 = Irrigation	Low
502 = roads motorways	High
701 = water pollution	Low

### 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

