



## MAL055 - Triq Garibaldi 2

### Description

Triq Garibaldi is an artificially constructed reservoir, intended for irrigation and water storage, located in southern Malta within Hal Luqa. The reservoir is made of cement blocks and covers an approximate area of 1,030m<sup>2</sup>. The reservoir is predominantly surrounded by agricultural land with pipelines originating from the reservoir, indicating that the collected water is being used for irrigation on these fields. A thick layer of green algae is present at the bottom of the reservoir, whilst within the basin a single *Ceratonia siliqua* and a few *Ricinus communis* are present. 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>	0.10
<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>	Southern Harbour
<b>Island:</b>	Malta
<b>Local council:</b>	Hal Luqa
<b>Coordinates (WGS84):</b>	14.495170 E - 35.864480 N

#### Biological significance

<b>Biological significance:</b>	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

## Ecosystem Services, Activities & Impacts

### Ecosystem Services

Type of Ecosystem service	Ecosystem service	Scale of Benefit	Importance
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
411 = factory	High
430 = Agricultural structures	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

### Vegetation types

Vegetation type	Coverage (%)
Other	< 5
Shrubby / Arborescent	< 5

## Species

### Flora

Species	Dominance	Reference
Ceratonia siliqua		
Ricinus communis		

## References

---

### Representative Image & Map

---





