



# MAL054 - Triq Garibaldi 1

## Description

Triq Garibaldi is an artificially constructed reservoir, intended for irrigation and water storage, located in southern Malta within Il-Marsa. The reservoir is constructed out of limestone blocks and cement, and covers an approximate area of 1,060m<sup>2</sup>. The site is not accessible to the public as it is behind a locked gate. The reservoir is mainly surrounded by agricultural land, with pipelines scattered throughout from the reservoir, indicating that it is being used for irrigation purposes. A large population of the invasive alien *Ricinus communis* was present towards the north and south of the basin, whilst the eastern and western basins were occupied by *Olea europaea*. The site is located in an agricultural pocket.

## General information

### Basic information

<b>Wetland location:</b>	Inland
<b>Wetland type:</b>	Artificial
<b>Natural / Artificial:</b>	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>	Other
<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>	Il-Marsa
<b>Coordinates (WGS84):</b>	14.495120 E - 35.867710 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
419 = other industrial / commercial areas	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

### Vegetation types

Vegetation type	Coverage (%)
Other	26 - 50
Shrubby / Arborescent	51 - 75

## Species

### Flora

Species	Dominance	Reference
Olea europaea		
Ricinus communis		

## References

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### Representative Image & Map

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