



MAL061 - Triq Garibaldi 3

Description

Triq Garibaldi is an artificially constructed reservoir, intended for irrigation, water storage and flood prevention, located in southern Malta within Paola. The reservoir is made of cement and covers an approximate area of 1,160m². The site is accessible to the public by a surfaced road, however, the reservoir itself is fenced off. The reservoir lies alongside an abandoned building and is close to other buildings to the north and east, while to the west lies a surfaced road and to the south lies active agricultural fields. Numerous culverts are present redirecting water from the road and from nearby fields into the reservoir, and pipelines are visible exiting onto nearby fields indicating that the reservoir is being used for irrigation of these fields. The site is located in a Strategic Open Gap.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Concrete reservoir
Area (Ha):	0.10
Hydrological interaction with other wetland:	No -
Water salinity:	Fresh (< 0.5 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Outflow controlled by pipeline
Open water area (%):	> 95
Hydroperiod:	Permanent

Geographic information

Census district:	Southern Harbour
Island:	Malta
Local council:	Paola
Coordinates (WGS84):	14.496230 E - 35.863710 N

Biological significance

Biological significance:	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

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
402 = discontinuous urbanisation	Low
430 = Agricultural structures	Medium
440 = Storage of materials	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

Species

References

Representative Image & Map

