



## MAL049 - Vjal Santa Lucija

### Description

Vjal Santa Lucija is an artificially constructed reservoir intended for water storage, located in southern Malta within Paola. The reservoir is completely constructed cement, and covers an area of approximately 1,020m<sup>2</sup>. The site is accessible via an alleyway; however, it is fenced-off on privately-owned property. There was no indication that the water accumulated was being used for irrigation. A large population of *Ricinus communis* was noted within the basin of the site. The site is located in a Strategic Open Gap.

### 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>	There is no obvious water outflow
<b>Open water area (%):</b>	26 - 50
<b>Hydroperiod:</b>	Seasonal

#### Geographic information

<b>Census district:</b>	Southern Harbour
<b>Island:</b>	Malta
<b>Local council:</b>	Paola
<b>Coordinates (WGS84):</b>	14.502980 E - 35.870080 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

### Protection status

Protection status category	Protection status subcategory	Site name	Code	Coverage (%)	Legislation
National	Bird Sanctuary	Il-madwar tac-Cimiterju ta' l-Addolorata	146728	100	Environment Protection Act (Act I of 2016)
National	Tree Protection Area	Ic-Cimiterju tal-Addolorata	555546272	100	Environment Protection Act (Act I of 2016)

### CDDA protection status

CDDA code	Category
MT03	Bird Sanctuary
MT06	Tree Protection Area

## Ecosystem Services, Activities & Impacts

### Activities on wetland

Activities	Intensity
020 = Resource conservation	Low
701 = water pollution	High

### Activities on drainage basin

Activities	Intensity
430 = Agricultural structures	Low
709 = other forms or mixed forms of pollution	High

### Impacts

Impact type	Intensity
PH- = Increase of pH	
PP- = Pesticide pollution	

## Habitats & Vegetation

### Vegetation types

Vegetation type	Coverage (%)
Emergent	26 - 50
Other	5 - 25
Shrubby / Arborescent	5 - 25

## Species

### Flora

Species	Dominance	Reference
Aster squamatus		
Ricinus communis		

## References

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### Representative Image & Map

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