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EPA Aquatic Ecosystem Condition Reports

Map

EPA Aquatic Ecosystem Condition Reports

Site Type: All

Region Type: All

Region: All

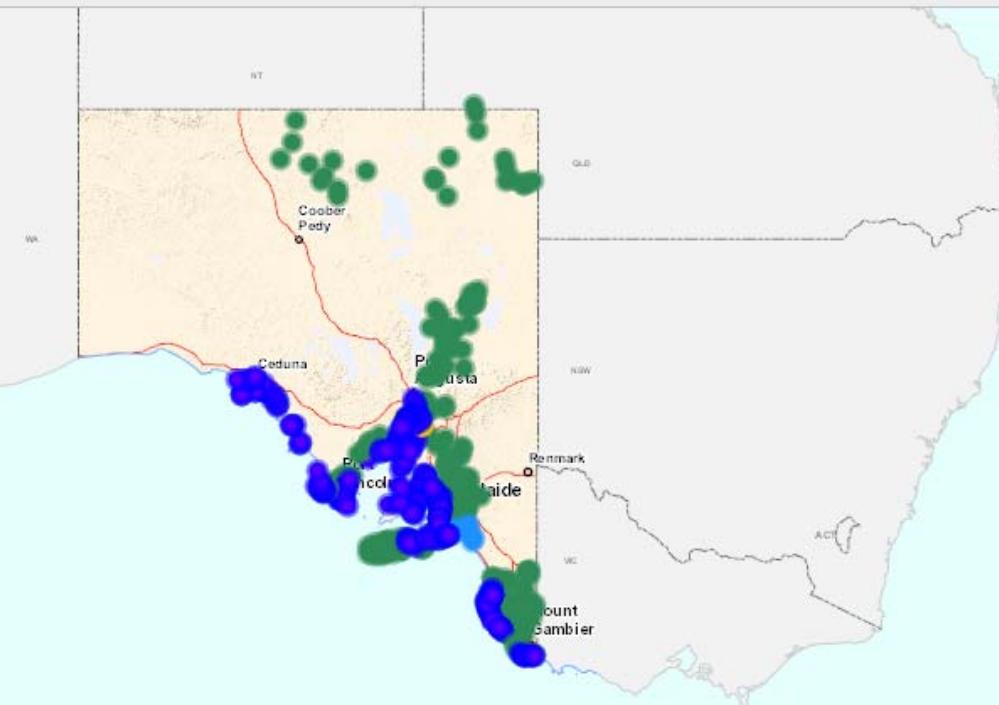
Year: All

Display Sites

Displayed Sites: 725



Lat: -35.7605 Long: 149.404



Map Layers
 NRM Regions
 Marine Biounits

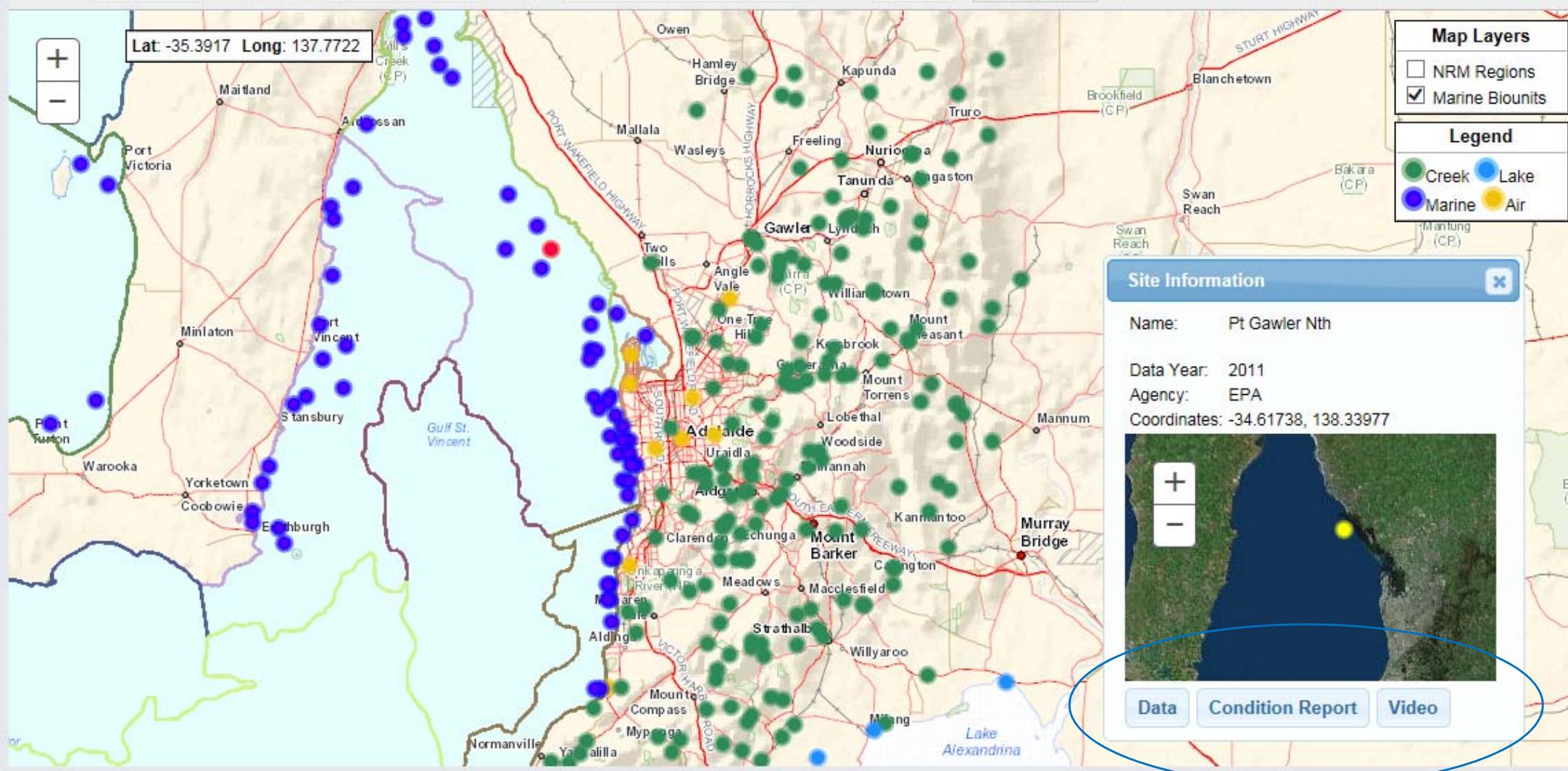
Legend
● Creek ● Lake
● Marine ● Air

EPA Aquatic Ecosystem Condition Reports

Map

EPA Aquatic Ecosystem Condition Reports

Site Type: All Region Type: All Region: All Year: All Display Sites Displayed Sites: 725



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Clinton Nearshore Marine Biouunit
2011 Aquatic Ecosystem Condition Report

Year data was recorded 2011

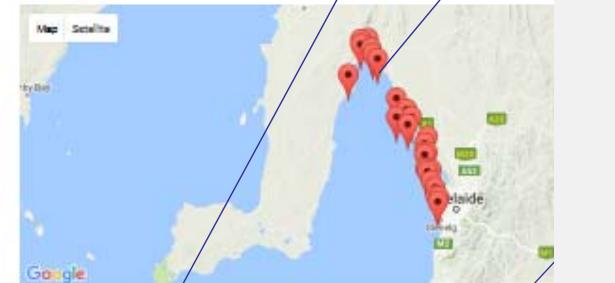
Condition overview



Key points:

- On the map, zoom in and click on the dots to view underwater video at that location.
- Seagrass habitats were largely dense and intact.
- Initial symptoms of nutrient enrichment with moderate algae loads.

Area map



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Findings

A total of 25 sites were monitored throughout Clinton during autumn and spring in 2011. In total 85% of the sites were covered in seagrass, while 12% were covered in unvegetated sand. There was only a small amount of rocky reef or small algae encountered in the sites assessed (< 3%).

The average habitat condition for Clinton was 74 out of 100 which is very similar to the result from 2010. Almost all



m0068 EPA Marine Aquatic Ecosystem Condition Report Gulf St Vincent 2011 - Pt Gawler outer

EPAWaterQuality

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Published on Jun 28, 2013

The South Australian Environment Protection Authority is including underwater videography in its assessment of ecosystems in near shore waters throughout South Australia. This video is part of a multiple lines of evidence approach to quantify ecosystem condition which includes a

Raw data, methods, brochure, references

Close

abome will close its soda ash plant in charge will consequently drop from a year to almost zero by the end of

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Back Valley Creek, Back Valley 2015 Aquatic Ecosystem Condition Report

Year data was recorded 2015

Condition overview



Observed Condition
Reported Condition

Key points:

- * Permanently wet brackish creek which was slowly flowing in autumn but reduced to pools in spring 2015.
- * A moderately diverse macroinvertebrate community with no rare, sensitive or flow-dependent species present.
- * Colourous signs of nutrient enrichment.
- * Riparian vegetation consists of mostly introduced species with grazing land beyond.

Area map



About the location

Back Valley Creek is a moderately sized stream in the Southern Mount Lofty Ranges that rises at an elevation of about 200 m to the north-east from Mount Robinson, and flows eastwards before eventually discharging into the Limestone River a few kilometres north-east from Victor Harbor. The major land use in the 3,084 hectare catchment was sheep grazing (71%), with smaller areas used for native conservation, other areas of native vegetation, cropping, plantation forestry, roads, rural residential, dams and irrigated horticulture. The site was located in the mid reaches of the creek, upstream from the junction of Kilk and Back Valley roads, and about 10 km west from Victor Harbor on the Pauatau Peninsula.

Adelaide and Mount Lofty Ranges NRM Regional Summary 2015

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Gallery



This aquatic ecosystem condition report is based on monitoring data collected by the EPA. It was prepared with and co-funded by the Adelaide and Mount Lofty Ranges NRM Board.



Government of South Australia
Adelaide and Mount Lofty Ranges
Natural Resources Management Board
South Australia



EPA
South Australia

Raw data,
methods,
brochure,
references

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DO YOU FIND THE INFORMATION USEFUL? YES / NO

LAST UPDATED: 01/07/16

Environment Protection Authority EPA Aquatic Ecosystem Condition Reports



Reporting on the health of South Australia's creeks and lakes

Monitoring water quality and reporting on the condition of our inland waters is an important part of the EPA's work as South Australia's leading independent environmental regulator. Major findings and trends are reported every five years in a State of the Environment Report. Following a review in 2009, the EPA has also decided to publish findings more frequently through a new series of Aquatic

In the future, reports will be prepared for each region at least once every five years, covering data collected during autumn and spring of the previous year.

How we assess each creek and lake

The Aquatic Ecosystem Condition Reports are based on the findings of a specialist team of EPA scientists and technical advisers who collect a wide variety of measurements relating to the ecological condition of each sampled site. This information is then assessed using a range of science-based approaches and models that capture the biological, chemical and physical changes occurring in our streams and lakes, and describe the major disturbances and stressors affecting them.



Northern and Yorke Peninsula and Eyre Peninsula NRM regions, and lakes in the lower reaches of the River

NRM collaboration

