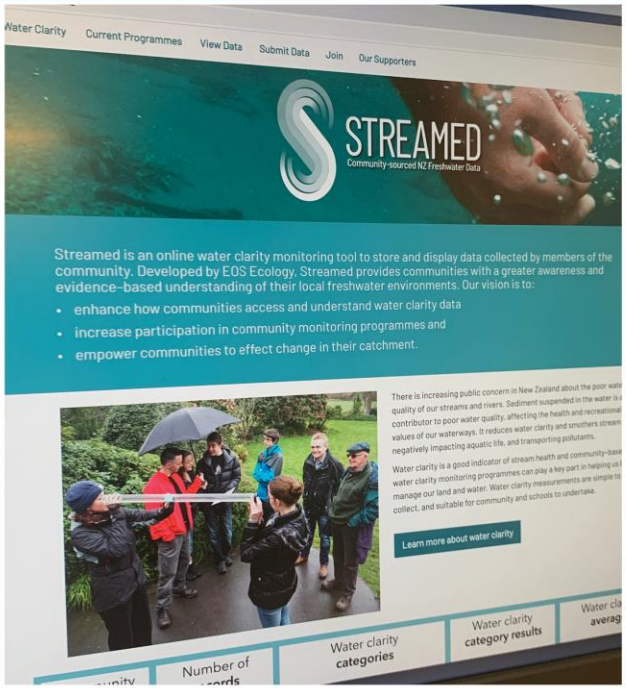
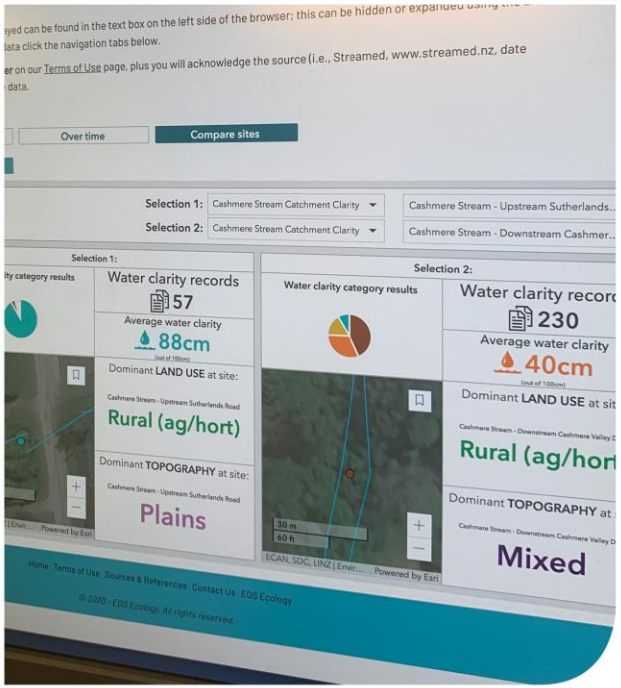
From Information to Insights
Giving Communities & Rivers a Voice

KIRSTY BRENNAN





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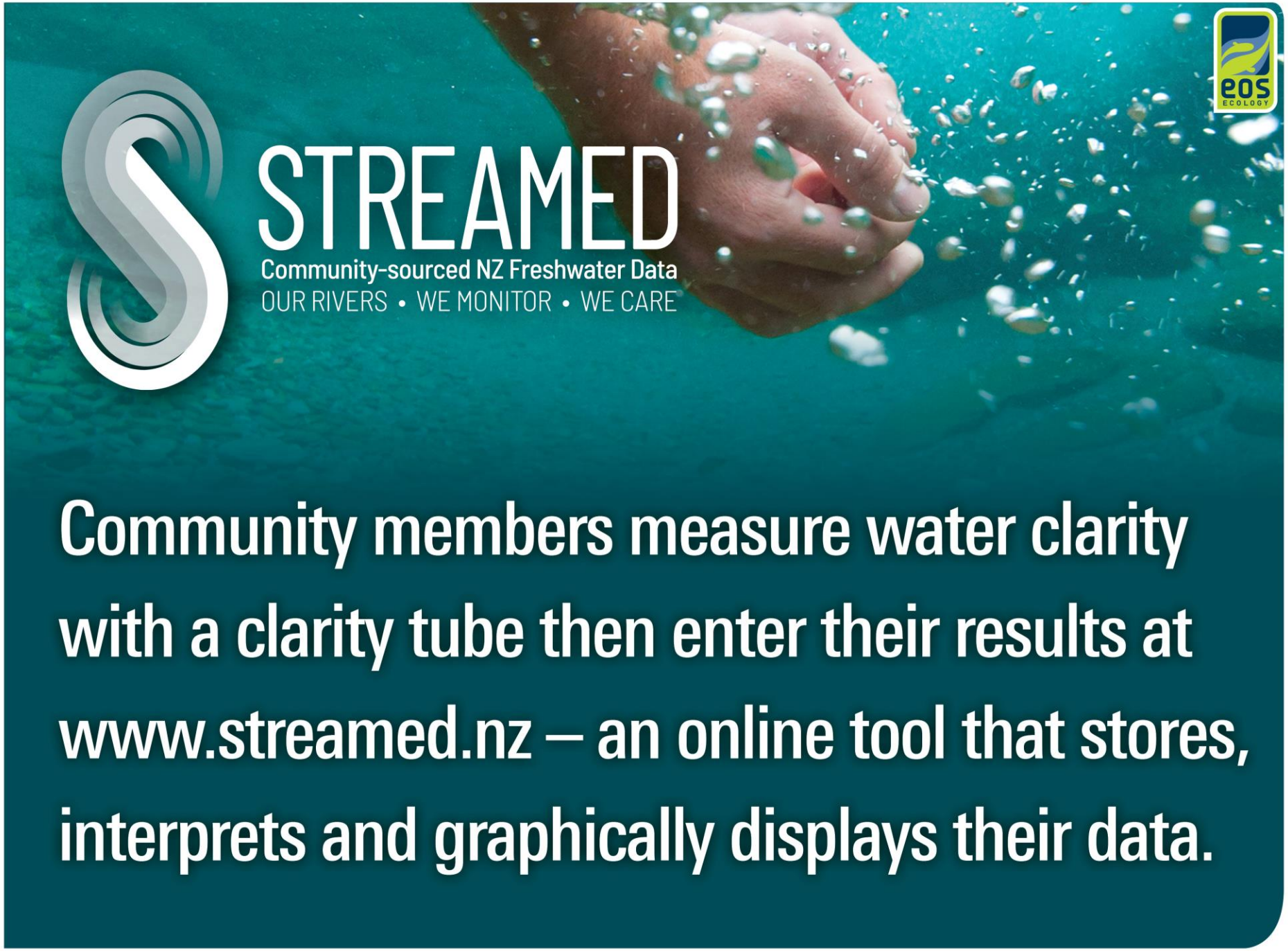

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Thanks!

Any questions contact:

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Streamed is an online water clarity monitoring tool to store and display data collected by members of the community. Developed by EOS Ecology, Streamed provides communities with a greater awareness and evidence-based understanding of their local freshwater environments. Our vision is to:

- enhance how communities access and understand water clarity data
- increase participation in community monitoring programmes and
- empower communities to effect change in their catchment.

There is increasing public concern in New Zealand about the poor water quality of our streams and rivers. Sediment suspended in the water is a key contributor to poor water quality, affecting the health and recreational values of our waterways. It reduces water clarity and smothers stream beds, negatively impacting aquatic life, and transporting pollutants.

Water clarity is a good indicator of stream health and community-based water clarity monitoring programmes can play a key part in helping us better manage our land and water. Water clarity measurements are simple to collect, and suitable for community and schools to undertake.

Learn more about water clarity

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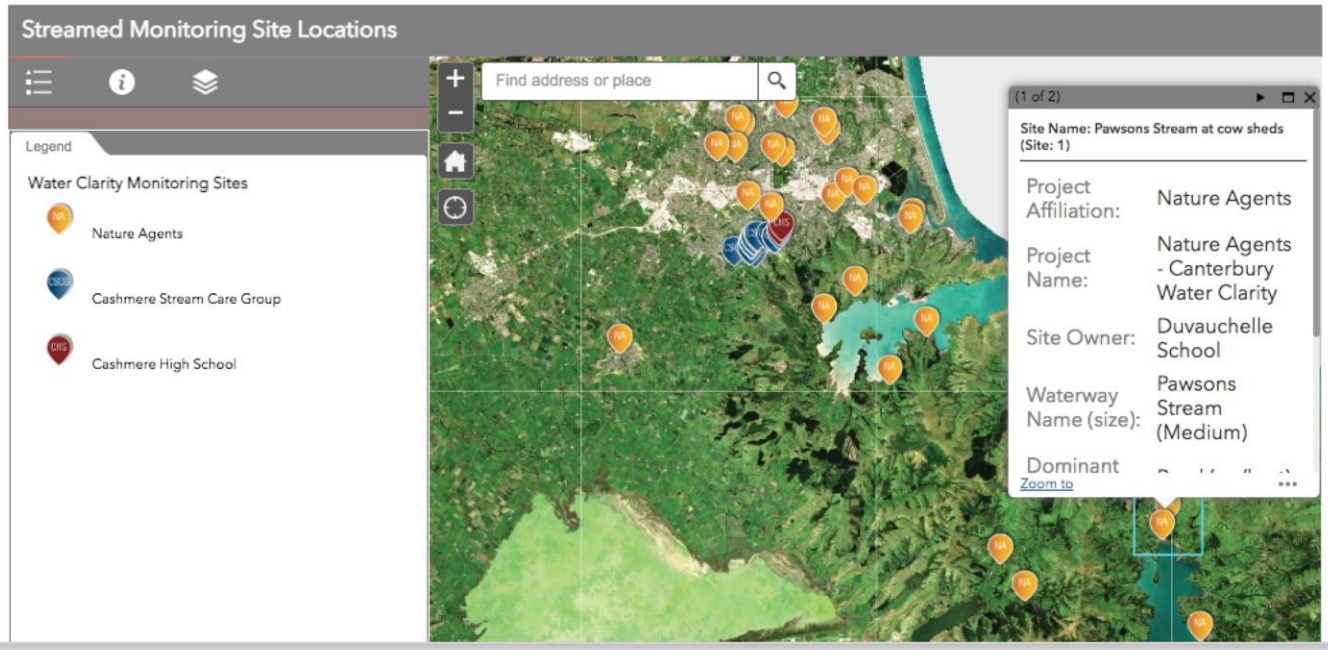
https://streamed-eos-ecology.hub.arcgis.com/pages/current-programmes

About Water Clarity | Current Programmes | View Data | Submit Data | Join | Our Supporters

Water clarity is being measured by community and school groups across New Zealand. Those groups that are part of the Streamed community have their monitoring data accessible for everyone to view and download from this website. Find out more about these groups and their water clarity monitoring programmes below.



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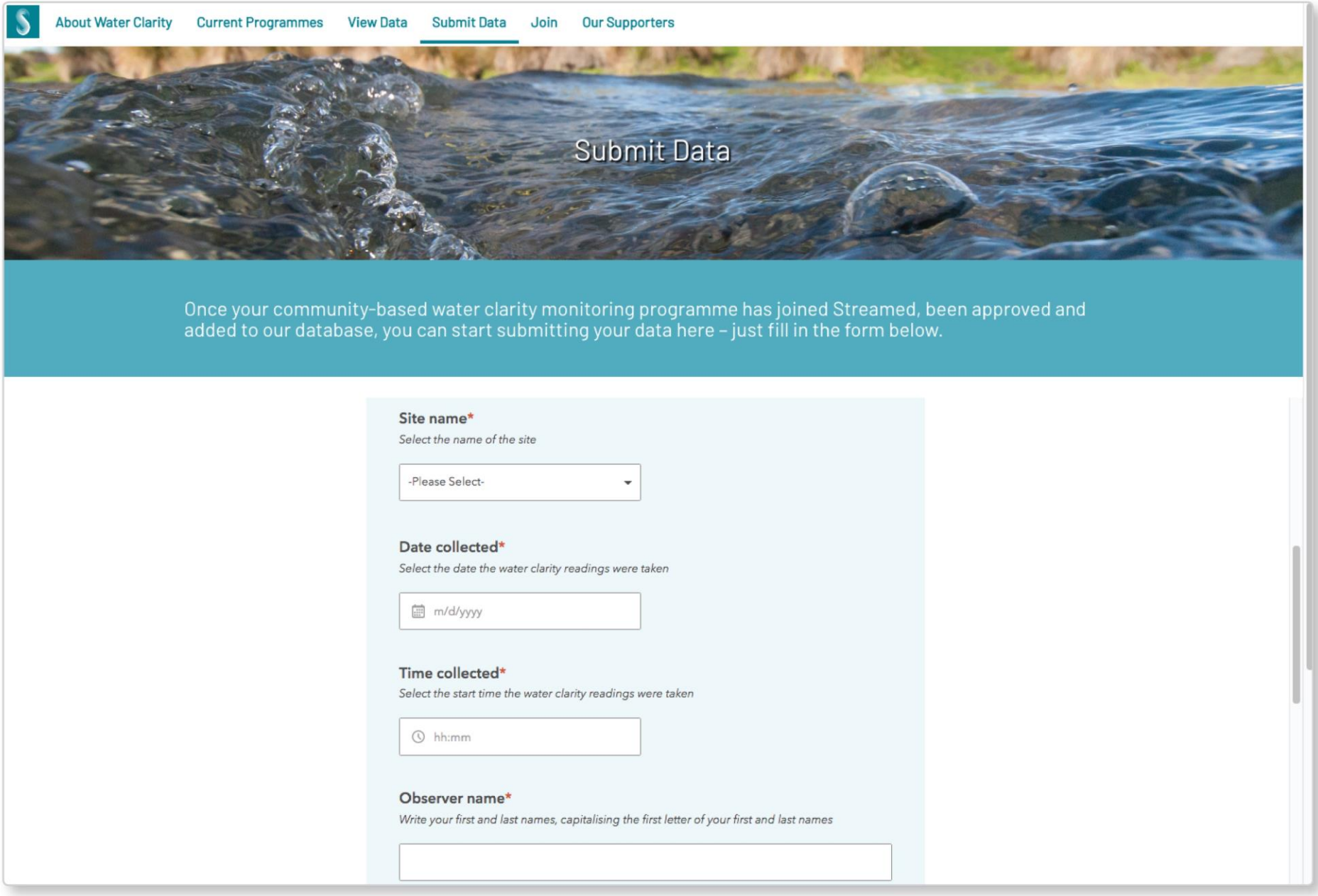

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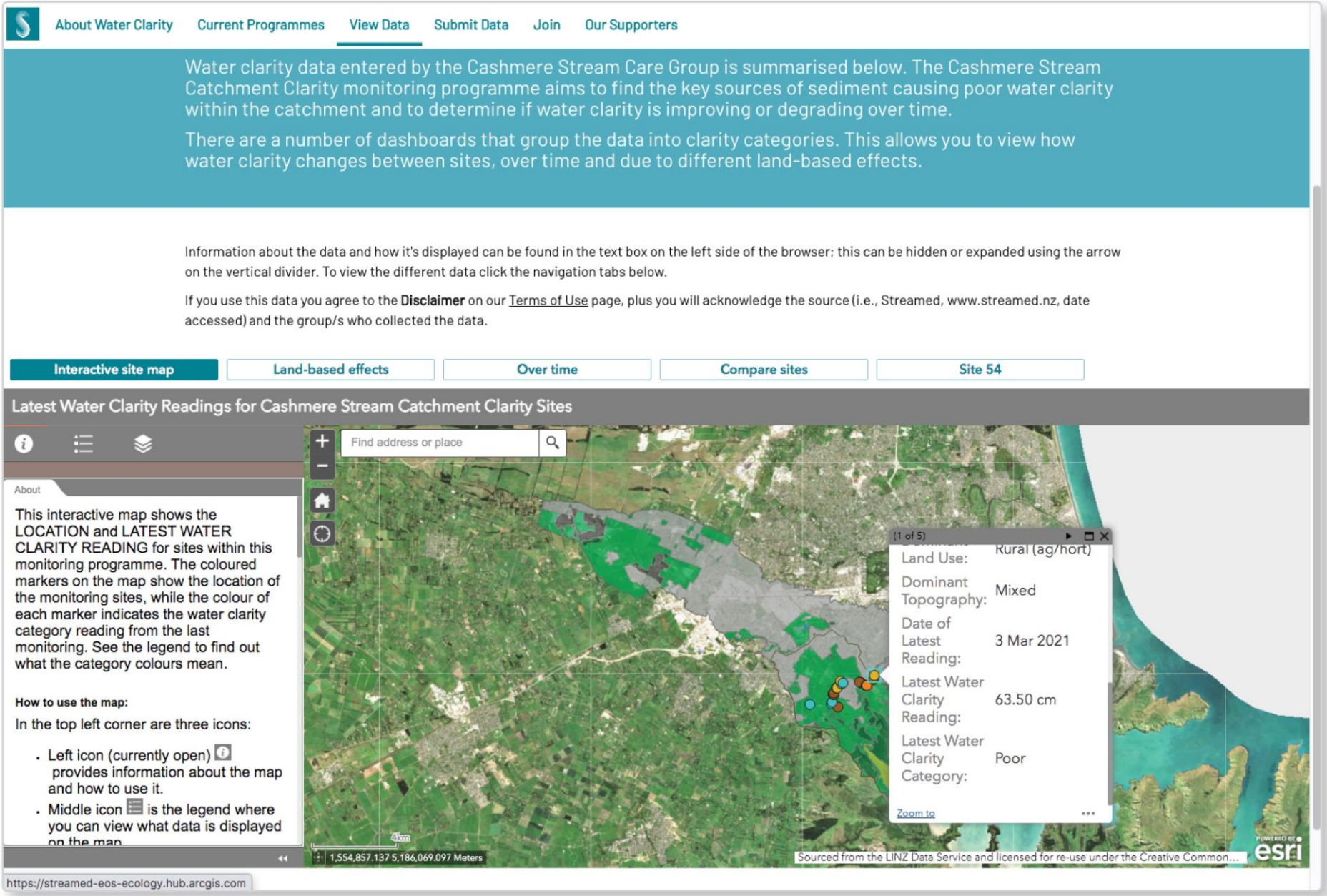

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Water clarity data entered by the Cashmere Stream Care Group is summarised below. The Cashmere Stream Catchment Clarity monitoring programme aims to find the key sources of sediment causing poor water clarity within the catchment and to determine if water clarity is improving or degrading over time.

There are a number of dashboards that group the data into clarity categories. This allows you to view how water clarity changes between sites, over time and due to different land-based effects.

Information about the data and how it's displayed can be found in the text box on the left side of the browser; this can be hidden or expanded using the arrow on the vertical divider. To view the different data click the navigation tabs below.

If you use this data you agree to the **Disclaimer** on our Terms of Use page, plus you will acknowledge the source (i.e., Streamed, www.streamed.nz, date accessed) and the group/s who collected the data.

Interactive site map | **Land-based effects** | Over time | Compare sites | Site 54

Guide | Readings | Categories | Waterway type | Categories per site

How to use the dashboards

- To see the AVERAGE WATER CLARITY READINGS dashboard click the 'Readings' navigation tab above.
- To see the WATER CLARITY RESULTS PER CATEGORY dashboard click the 'Categories' navigation tab above.
- To see the WATER CLARITY RESULTS BY WATERWAY TYPE dashboard click the 'Waterway type' navigation tab above.
- To see the WATER CLARITY RESULTS PER CATEGORY PER SITE dashboard click the 'Categories per site' navigation tab above.

Average water clarity readings dashboard:

This dashboard shows how the average water clarity readings across all sites for this monitoring programme vary in relation to:

- dominant land use
- dominant topography
- waterway size.

The higher the water clarity reading the better the water clarity, therefore the less

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Show apps

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Guide | **Readings** | Categories | Waterway type | Categories per site

Average water clarity readings

This dashboard shows how the average water clarity readings across all sites for this monitoring programme vary in relation to dominant land use, dominant topography and waterway size.

Water clarity readings are grouped into the following water clarity categories:
>99cm = Extremely good
70-99cm = Very good
55-69cm = Poor
35-54cm = Very poor
<35cm = Extremely poor

Water clarity impacts

The movement of sediment from land to waterways is influenced by the type of land use and topography (how steep or flat it is) of a catchment. Once sediment has reached the waterway, the size of a waterway may also impact the clarity of the water. Read below for an explanation of how these factors can impact water clarity, and explore the data represented

Water clarity records
5284
Average water clarity
46cm
(out of 100cm)

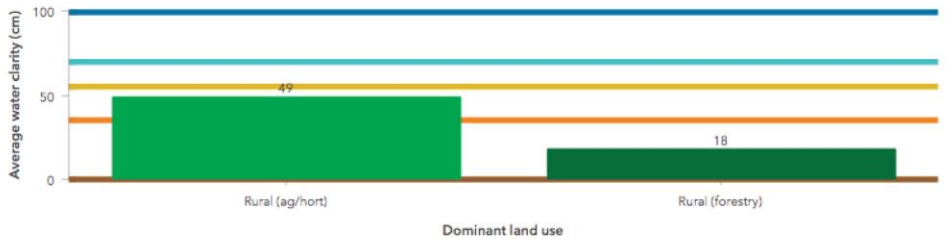
SMALL size waterway
Average water clarity
36cm
(out of 100cm)

MEDIUM size waterway
Average water clarity
48cm
(out of 100cm)

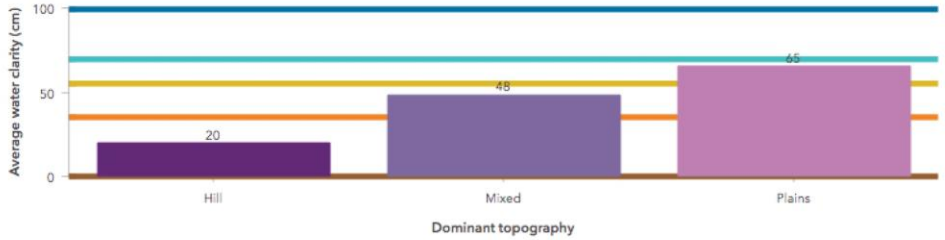
LARGE size waterway

No large size waterways

Dominant Land Use



Dominant Topography



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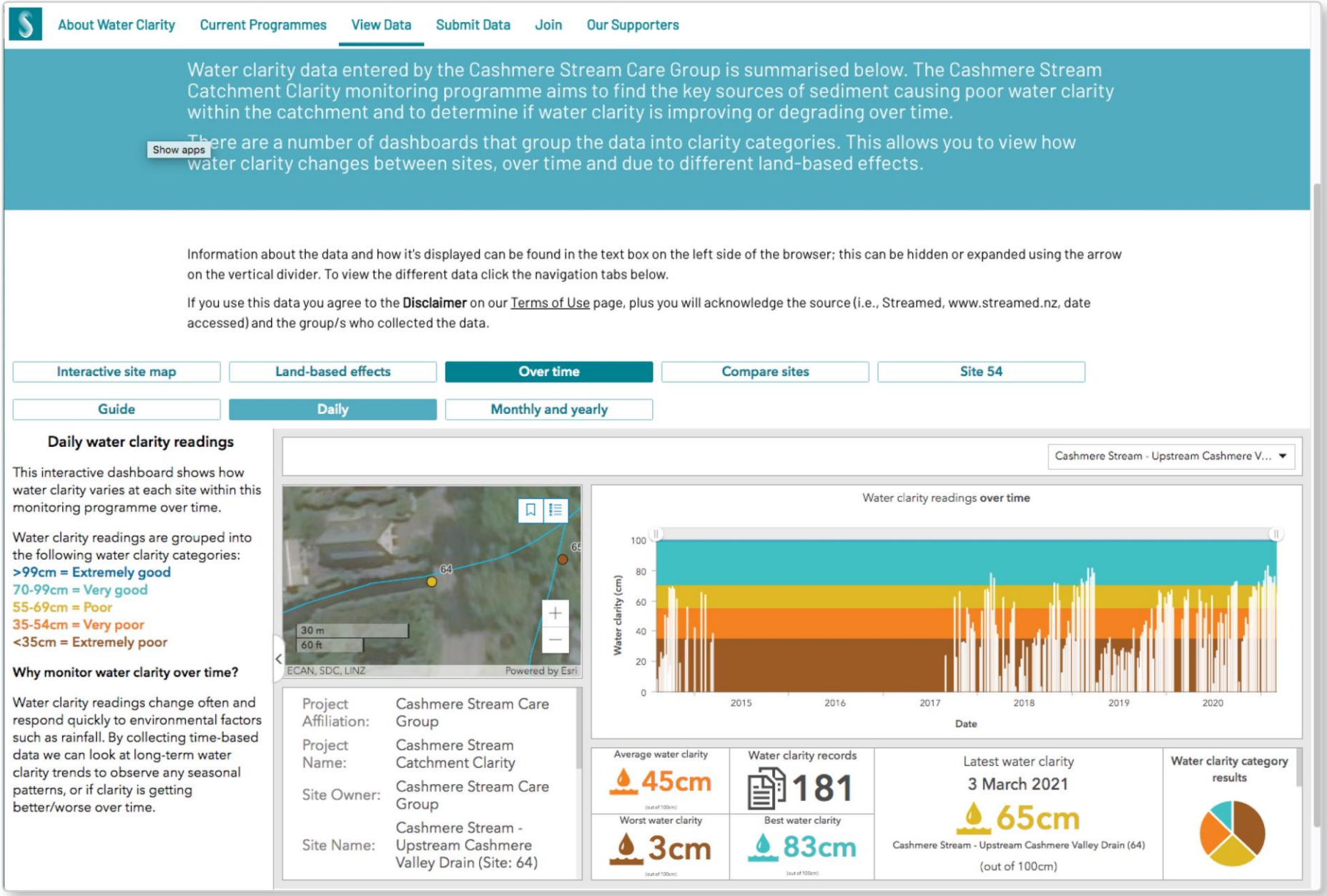

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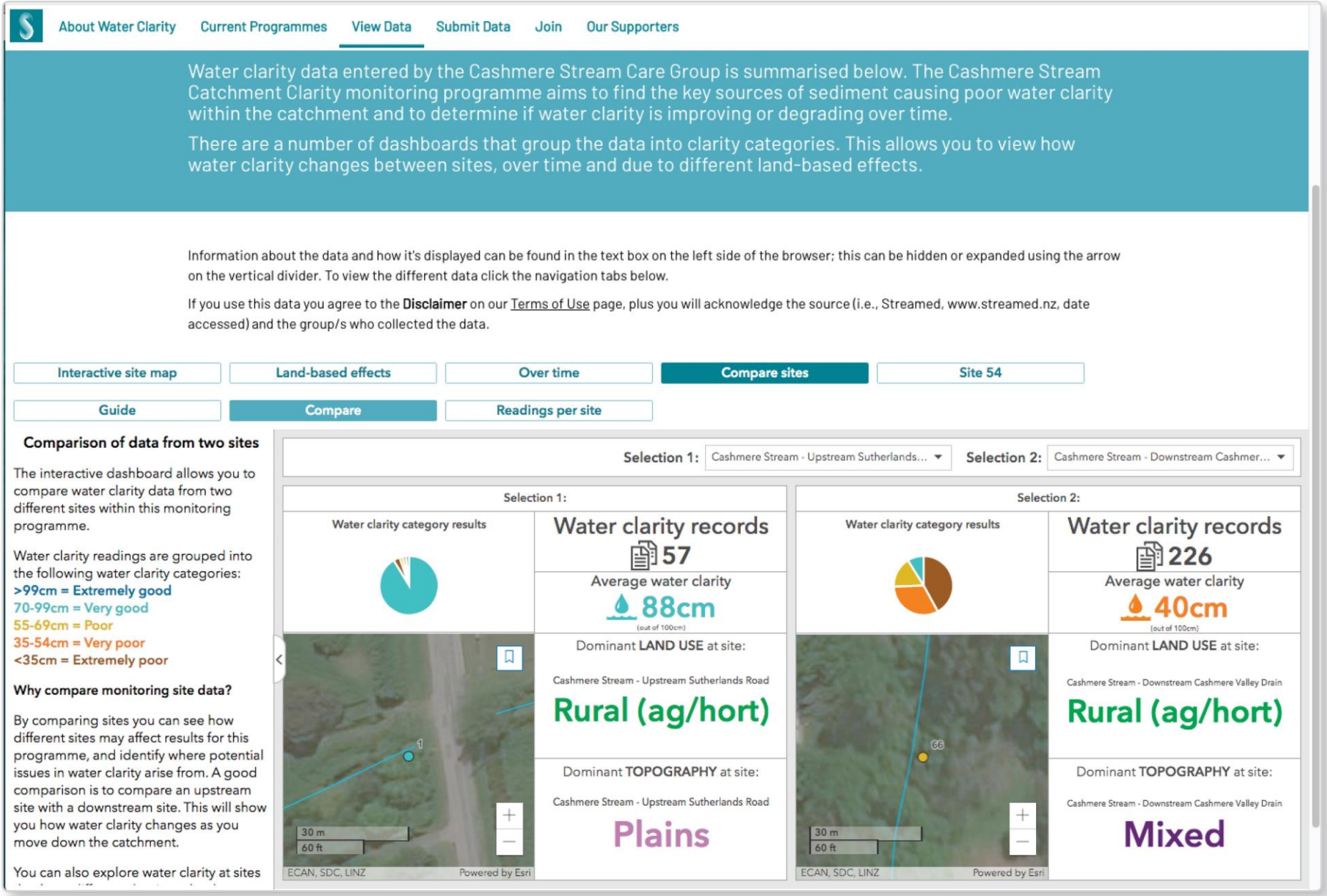

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