

Community Stream Sensor

Investigation guideline

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UNDERSTAND THE BASELINE

What does the stream normally look like, in dry weather and after rain? What is the typical pH level of the stream?

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ANALYSE THE TRENDS

Review the EC in conjunction with the water level and temperature. An increase in EC and water level could indicate an event caused by heavy rain. An increase in EC, water level and temperature could indicate a first flush pollution event.

TAKE A CLOSER LOOK

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- If you're in the area, observe any changes in water clarity, level or smell.
- Take note of any discolouration from paint, detergent, oil, foam, sediment or presence of wastewater, and understand the potential origins of each.

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REPORT

Watercare - 09 442 2222 if sewage / waste water.
Pollution Hotline - 09 377 3107 if water is discoloured from paint, detergent, oil, foam, sediment.

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SAMPLE

If the stream looks & smells normal, you can use your Wai Care care to test for pH and Ammonia. Ammonia is an indicator of wastewater, and pH an indicator of the presence of pollutants. If the results are outside of their thresholds (pH below 5 or over 9, Ammonia above 3) call Pollution Hotline.

*If taking a sample, please remember to only to do so if wearing gloves and can safely access the stream bank. Follow your Wai Care Health & Safety plan