

COMMUNITY AND FAMILY MONITORING DAY AT TOMAHAWK LAGOON TO INVESTIGATE WATER QUALITY.



SATURDAY APRIL 8th 11.00 – 3.00 at the Domain Hall.



We invite you, your family and friends to visit the Ocean View Domain hall at Tomahawk Lagoon on April 8th to see how Dunedin school teams, facilitated and supported by ECOTAGO Trust/OCEMES, are investigating the water quality of both the “upper” and “lower” Tomahawk Lagoon. We do this with regular monitoring at fixed sites.

The teams will be collecting water quality data from their sites, storing this data on a website and when sufficient data is gathered, “telling the story” of water quality at this part of the lagoon in the form of an environmental report. This has the potential to help the community make future decisions about the care and enhancement of this interesting and significant wetland.

The programme will give you “hands-on” experience with the equipment and other activities showing you? how to do the monitoring.

Aim: To present the different aspects of measuring water quality as a professional developmental opportunity for local schools and other water care groups to have hands-on experience, and to add data to the developing database.

- Physical measurements will include water temperature and turbidity. ***From 11.00***
- Chemical measurements will include pH, dissolved oxygen, electrical conductivity, salinity and nutrients. ***From 11.00***
- We will collect water samples and demonstrate how we do the analysis for dissolved reactive phosphorus (a food source for algae). ***From 11.00 at the hall***
- Biodiversity, including an investigation of the fish and macroinvertebrates (BUGS!) E.coli bacteria, and a bird count. ***From 11.30 at the hall***

Aim: To promote and experience the aspects of water quality to the wider Tomahawk and Dunedin communities.

- **The Tomahawk Smalls Beach Care Trust and other groups will present their work at this time.**

ECOTago was funded for this project in 2016 from the Participatory Science Platform (PSP). The PSP is designed to encourage communities – particularly young people, educators and scientists – to work together on collaborative science projects so that they become more enthused and informed about the role that science plays in their lives.

RSVP to Andrew Innes (andrew_innes09@hotmail.com or 02102391950 by 5th April.